Maths

EL-MOASSER

Mathematics

By a group of supervisors

PARENTS' GUIDE 2022



Part 2 DISCOVER

KG 2

FIRST TERM


Chapter
1

Lesson 1

Counting up to 3



Circle everything that there is only 1.

Notes for parents

- Ask your child to raise one finger to show 1.
- Ask your child to bring one toy.



Two



Circle the groups of 2.

- Ask your child to raise two fingers to show 2.
- Ask your child to find a group of 2 items in your home.



Circle the groups of 3.

CAMPGROUND

Notes for parents

Chapter 1
Lesson 1

- Ask your child to raise three fingers to show 3.
- Ask your child to clap his/her hands three times.

Color 1 ☆ orange.

Color 2 ☆s red.

Color 3 ☆s yellow.

Place a smiley face

• Ask your child to find 2 things at home which have the same color and 3 things which have different colors.

Lesson 2

The circle

This is a circle.



Color 2 circles blue.

Notes for parents

- Ask your child to find 3 circular objects at home.




 Tick (✓) all the ◯s and count them.

Trace all the ◯s. How many circles did you trace ?

Place a smiley face

• Ask your child to draw a circle in the air.
• Ask your child to draw 3 circles in his/her notebook.



Lesson 3

Counting up to 4

4

Four



Circle the groups of 4.

Notes for parents

- Ask your child to raise four fingers to show 4.
- Ask your child to draw an animal that has 4 legs.





Color the balloons.

4 balloons **blue** | 3 balloons **green** | 2 balloons **orange** | 1 balloon **yellow**

- Look for various situations to help your child counting up to 4, for example ask your child to name four animals.





Same & different

These are the same.




Count the items of clothing in each row.
Circle 2 that are the same.











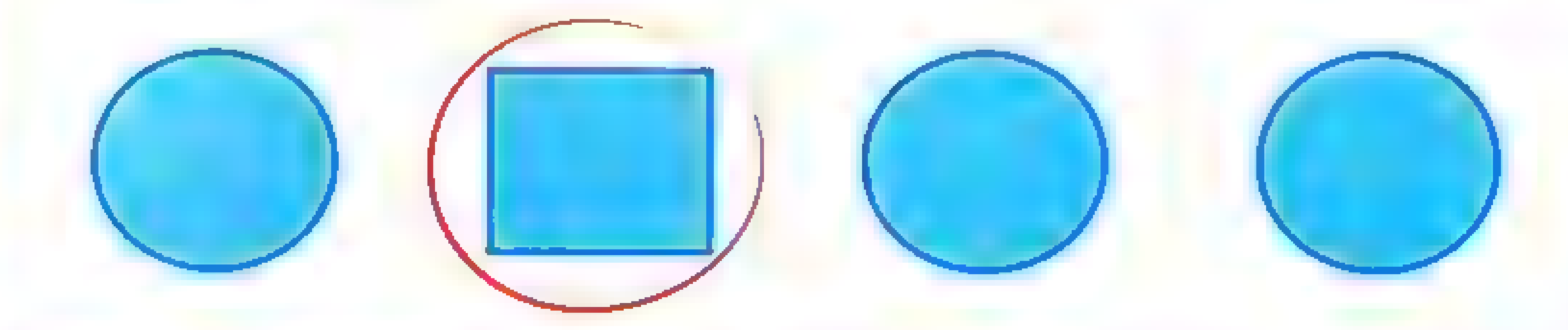





Notes for parents

- Ask your child to collect four items of clothing that are the same color.

One is different.



Count the pictures in each row.
Circle the one that is different.

Place a smiley face

• Ask your child to collect 4 buttons such that 3 buttons have the same shape and 1 button is different.

Lesson 4

Fun with numbers 1 , 2 , 3 & 4

Circle 1 hidden

Circle 2 hidden

Circle 3 hidden

Circle 4 hidden

Notes for parents:

- Make groups of 1 , 2 , 3 and 4 using beans and ask your child to count each group loudly.

Join according to the raised fingers.



• Ask your child to make a cube tower made of 4 pieces and another one of 3 pieces.

More about circle

Stick each ball in its suitable circle.
Count all balls.



Notes for parents

- Ask your child to draw a circle and color it to be his/her own ball.

Frogy wants to fly his kite in the park. Help him get to the park by coloring the path that has only CIRCLES.



Place a smiley face

• Ask your child to use cut and past paper, to make a circle.



Lesson 5

Counting up to 5

5

Five

Circle the groups of 5.

Notes for parents

- Ask your child to raise five fingers to show 5.
- Put your hand on a paper and ask your child to trace around your fingers.

Help the girl get the 5 carrots to the group of 5 rabbits.
Trace her path.



Place a smiley face

• Ask your child to draw 5 circles using coins.

Lesson 6

The triangle



Notes for parents

- Ask your child to find 2 triangular objects at home.



Put 5 △ s around 5 ✿ s

Put 4 ◯ s around 4 s

Trace all △s. How many triangles did you trace ?

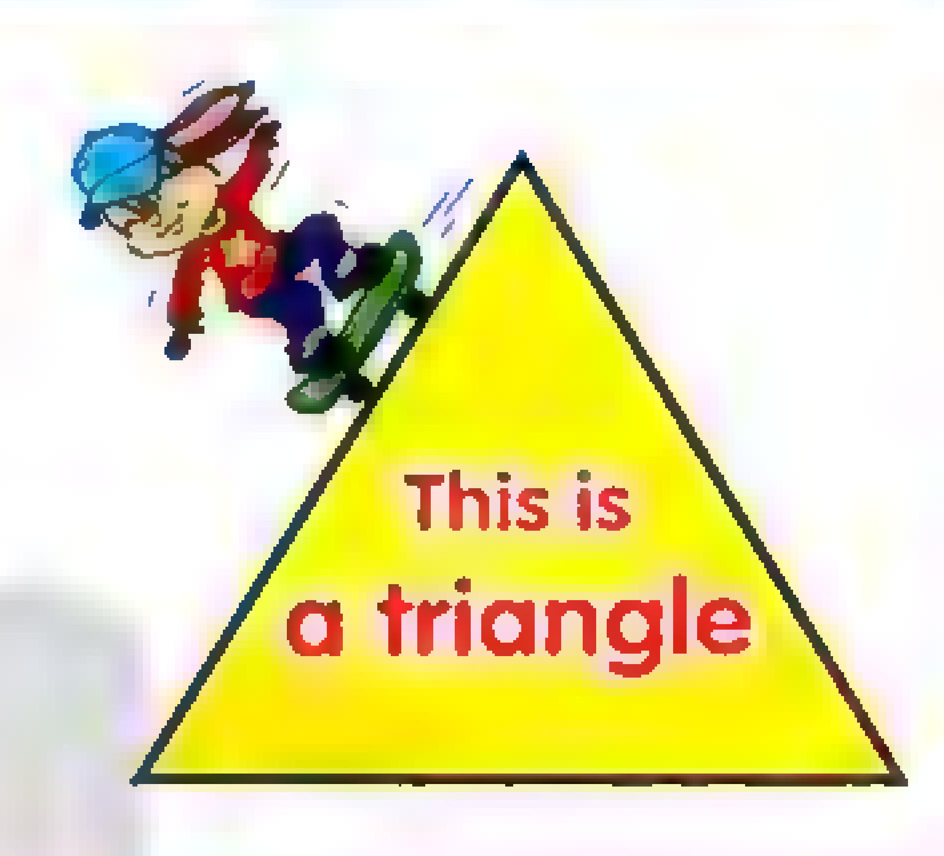
Place a smiley face

• Ask your child to draw a triangle in the air.

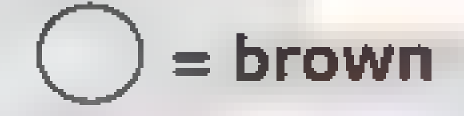
Lesson 7

Circles and triangles






Color the picture.


○ = brown △ = green



Notes for parents

- Talk with your child about the difference between circle and triangle.
  A circle is a curved line and a triangle has 3 sides and 3 corners.



Draw 3 △s and 2 ◯s.

How many shapes did you draw ?

Place a smiley face

• ask your child to draw a shape has no sides and no corners (circle) and draw another shape has 3 sides and 3 corners (triangle).



The square

This is a square. □

Stick the square to complete the box.

Color 4 squares red.

A squar has 4 sides equal in length and 4 corners

side

corner

Notes for parents

• Ask your child to find 4 squared objects at home.

Tick (✓) all the ☐ s in the picture.
How many squares did you find ?



Trace all ☐ s. How many squares did you trace ?

• Ask your child to draw a square in the air.

Color the picture.

◯ = Red   □ = blue   △ = green



Notes for parents

• Talk with your child about the difference between the triangle and the square.



Draw 5 ☐s in the sky.

• Encourage your child even if his/her drawing is not acurate.

Lesson 6

Writing number 1



Stick 1 ball.

Notes for parents

- Help your child to make the number 1 using clay.



Draw and color 1

• Let your child draw number 1 on a sheet of paper and use glue and glitter to decorate it.

Above / Below

Bassem is above the trampoline.



Bassem is below the tree.



Color the bird above the tree red. Color the bird below the tree yellow.



Notes for parents:

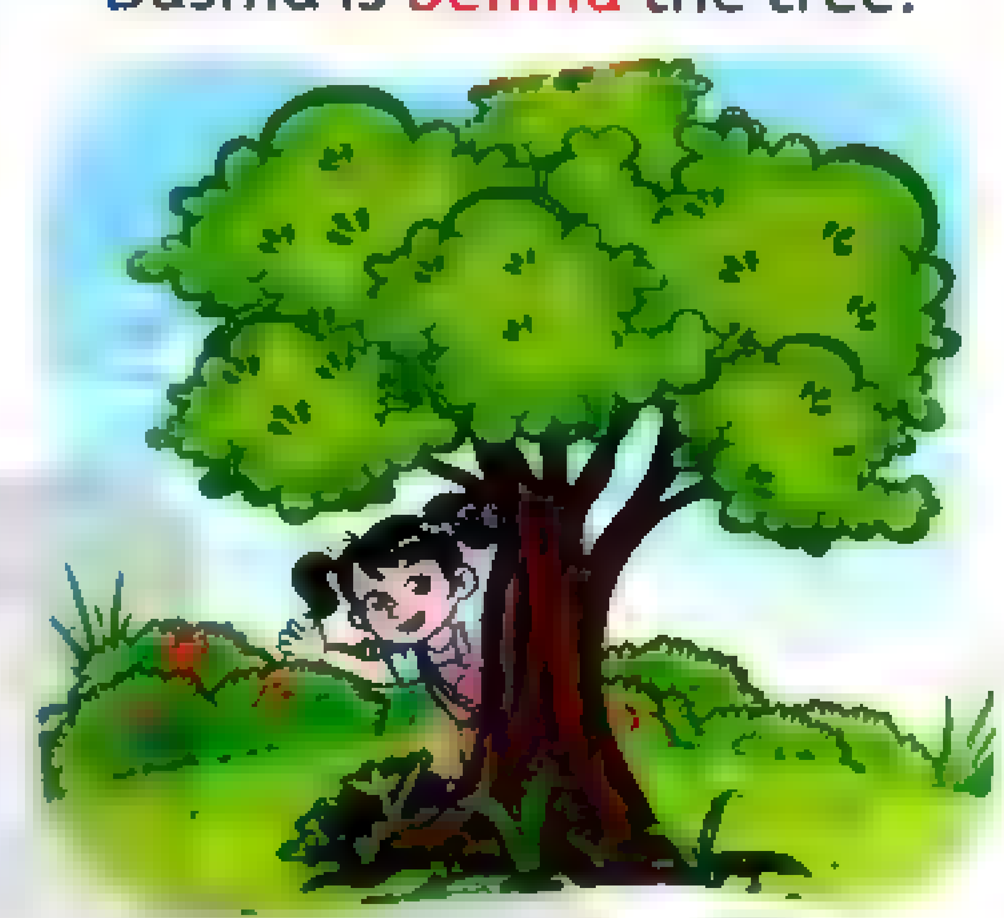
• Ask your child to put his\her hand above his\her head. Ask him\her to sit below the table.

In front of / Behind

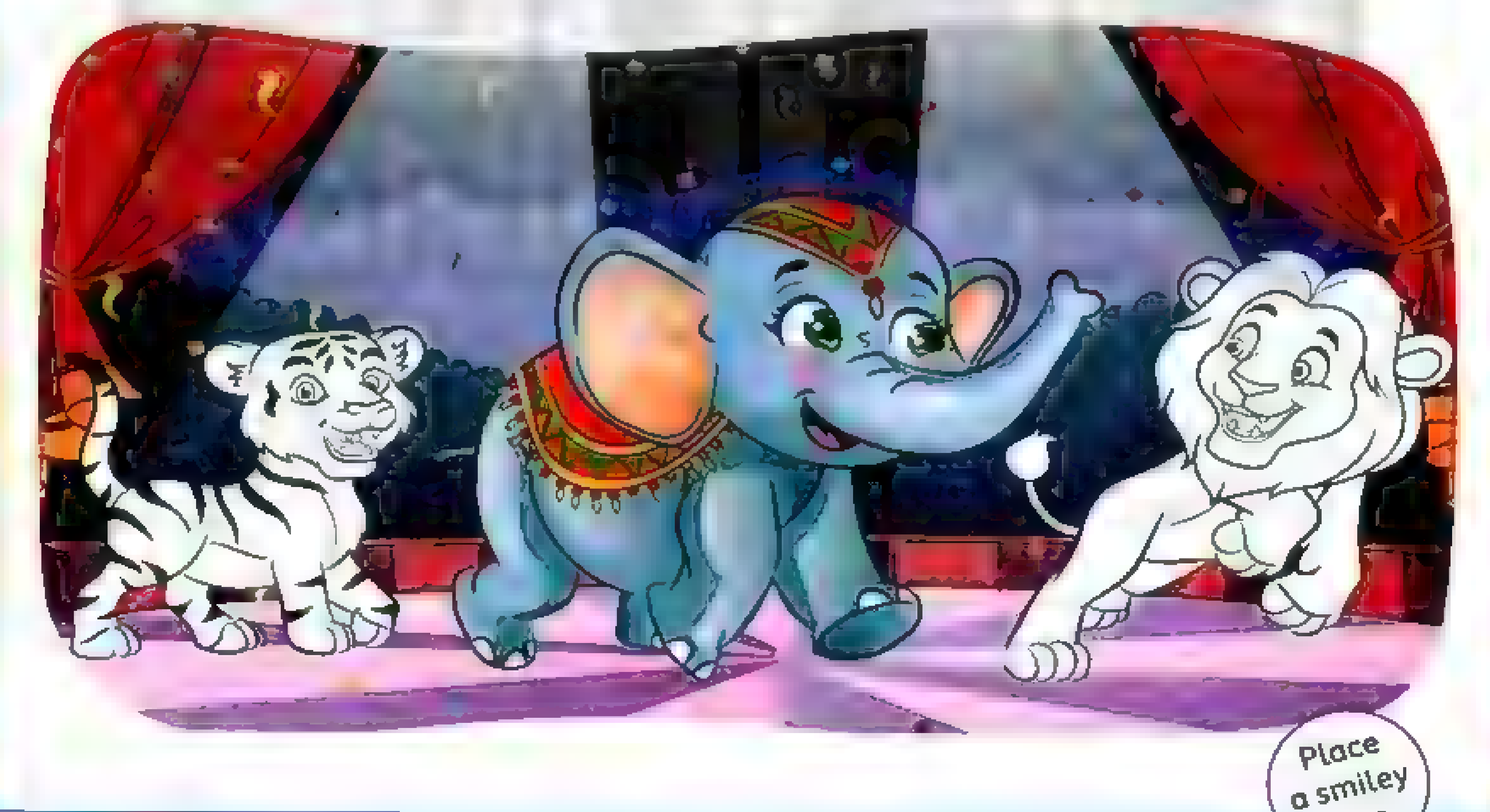
Basma is in front of the tree



Basma is behind the tree.



Color the animal which is in front of the elephant brown.
Color the animal which is behind the elephant orange.



Place a smiley face

• Tell your child to stand in front of you once, and stand behind you another time.

Lesson 10

Writing number 2



Two

2

Count 2 ☆ s

Stick 2 fish.

Stick number 2

Trace 2

Write 2

Notes for parents

- Ask your child to help you write the number 1 and 2 to label things in your home.



Draw and color 2 in the water.

• Ask your child to draw 1 circle and write 1, and draw 2 triangles and write 2.

(Above / Below) review

Color the one above the table orange.
Color the one below the table gray.



Notes for parents

- Ask your child to use above and below to tell about objects in relation to his\her head and feet.

(In front of / Behind) review

Color the animal which is behind Sally orange.
Color the animal which is in front of Sally brown.



Place a smiley face

• Ask your child to tell you an object in front of him\her and another object behind you.


Chapter
2
3
5
1
2+2

Lesson 11

Writing number 3



Three

3

Count 3 🐝s

Stick 3 butterflies.

Stick number 3

Trace 3

Write 3

• Ask your child to write the numbers 1-3 in the air.

The middle

The girl is in the middle.





Circle the animal which is in the middle in each row.













Notes to parents

• Give your child 3 crayons, one of them is red, ask him\her to put the red crayon in the middle.

Color the middle square in red.

Color the middle circle in yellow.

Color the middle triangle in green.

Place a smiley face

• Arrange 3 toys of your child favorite toys, then ask him\her to give you the one which is in the middle.

Lesson 12

Writing number 4



• Ask your child to draw a big 4 on a white piece of paper and color it.

Same number
(Equal numbers)



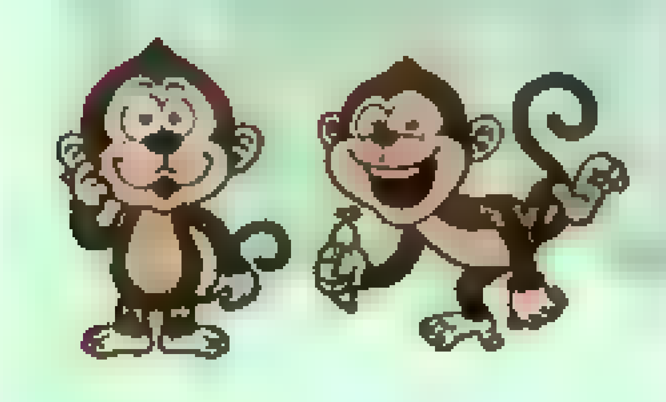
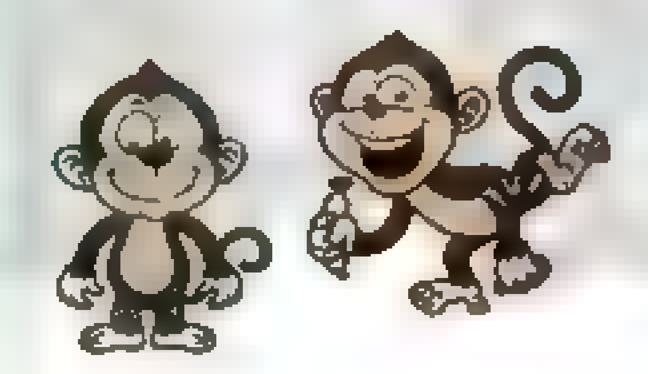
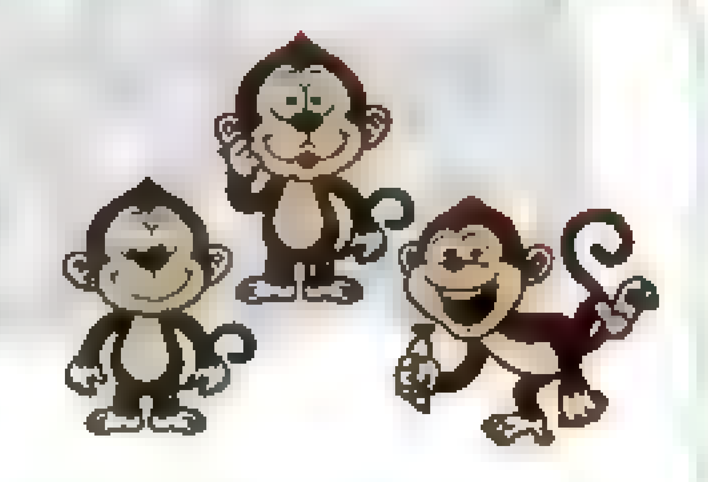
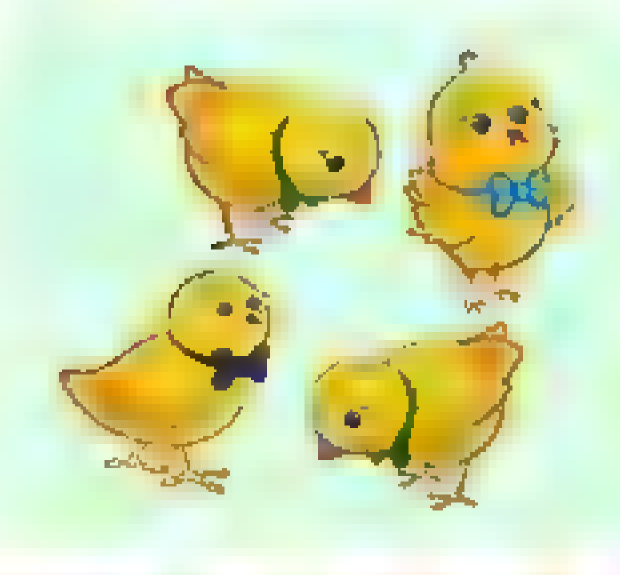
2 is equal to 2



Equal means the same number

Circle the set that has the same number as the first set. The first one is done for you.





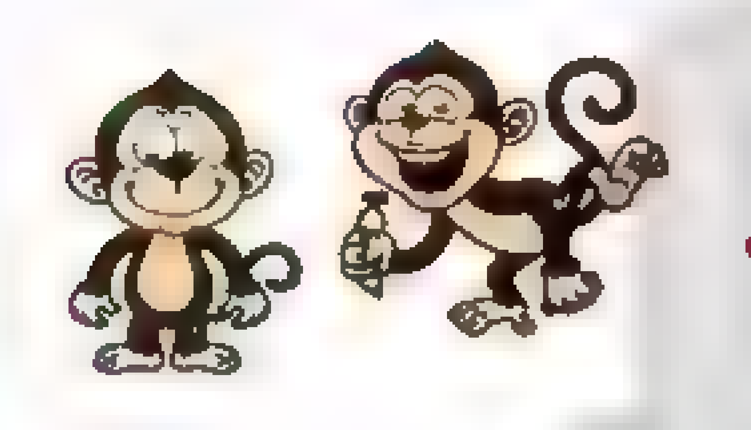
• Ask your child to make groups of his\her toys that have the same number of toys.



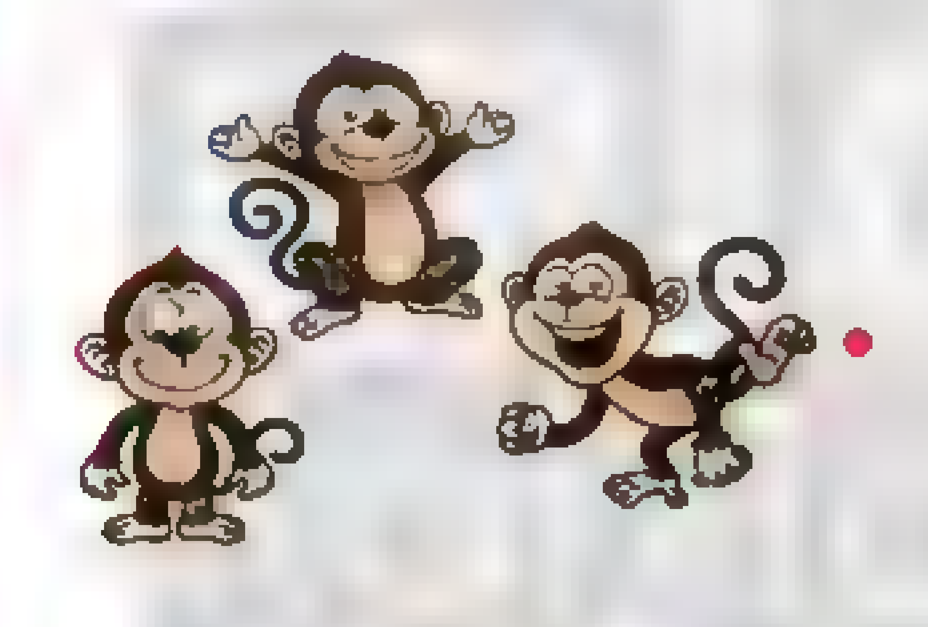
Match the groups that have the same number of objects.

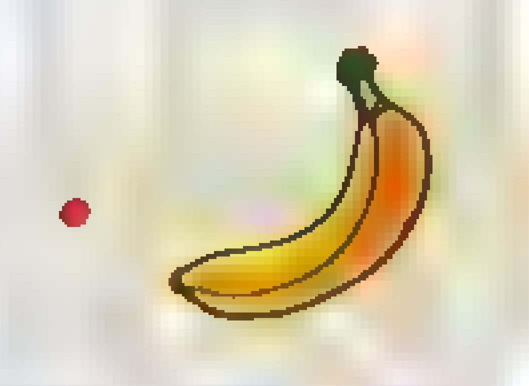










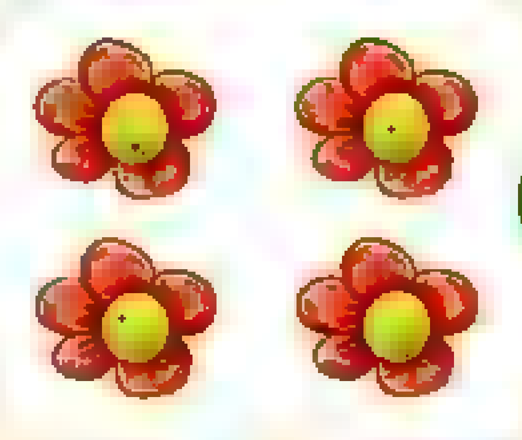






• Raise some of your fingers ask your child to say the number of raised fingers and ask him\her to raise fingers to show the same number .

Greater/More



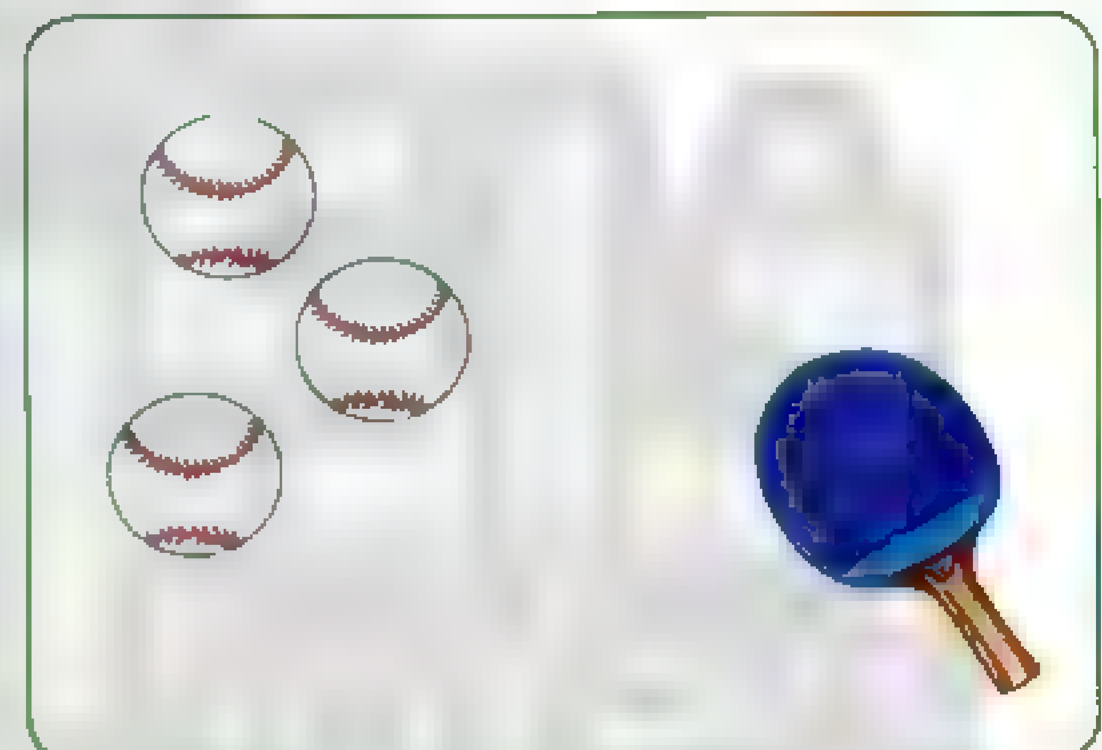
4 is greater than 3



Greater means more than

Circle the sets that have more objects.







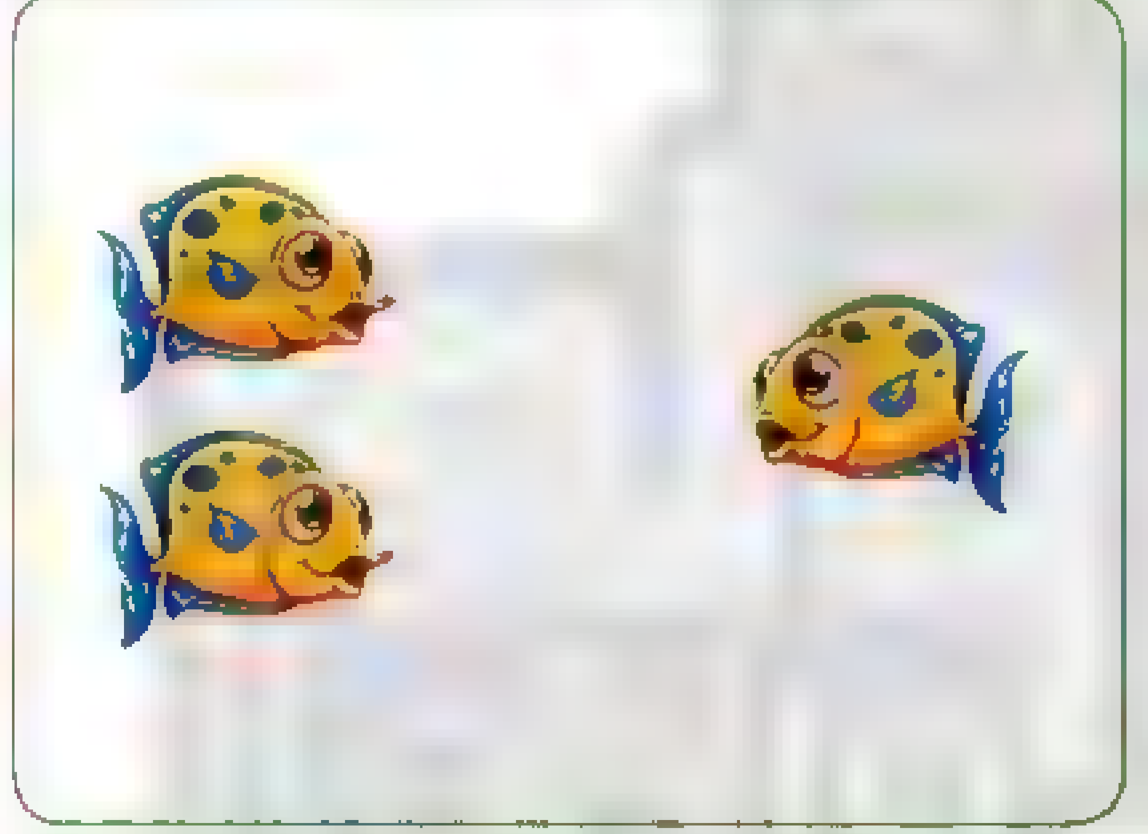


Note for parents

- Draw a set of items on a sheet of paper and ask your child to draw a set that has more items.

Circle the group that has greater number of items.








Place a smiley face

• Say a number from 1 to 3 and ask your child to tell you another number that is more.

Lesson 13

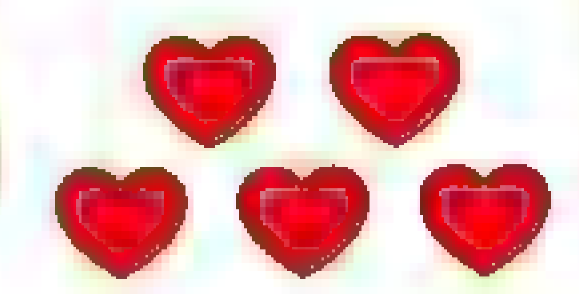
Writing number 5



Notes for parents

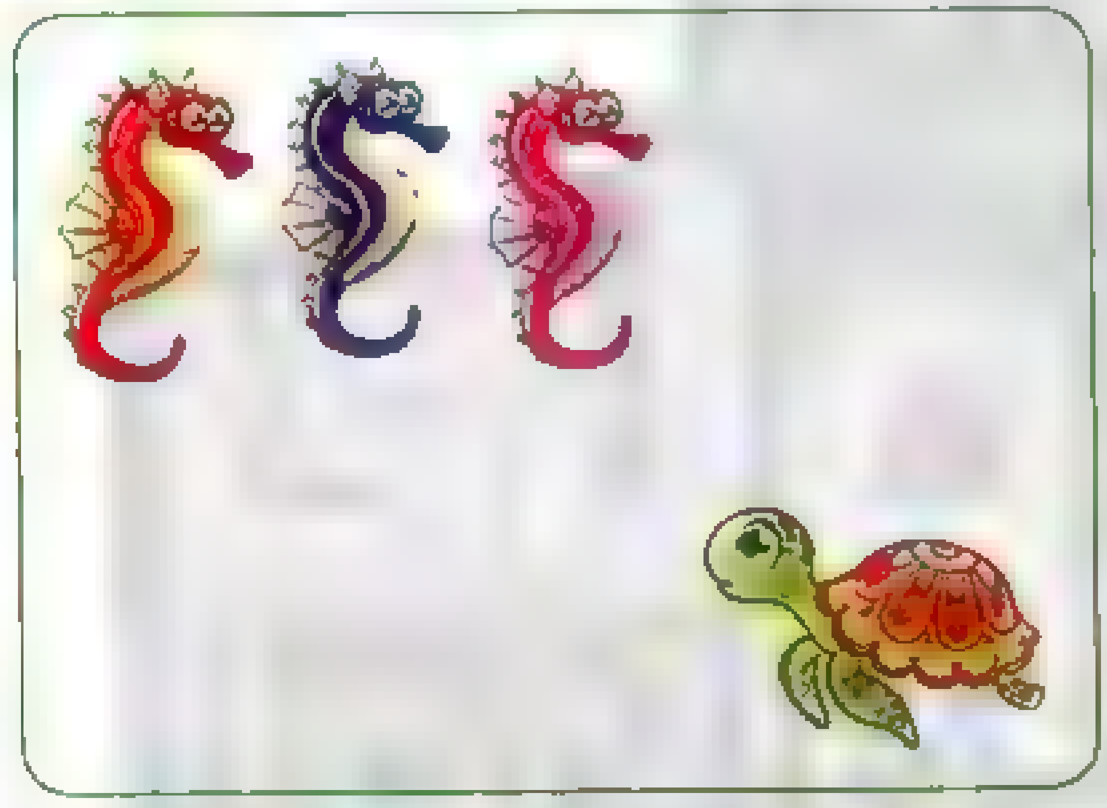
• Ask your child to draw his/her hand on a white piece of paper and write a number from 1 to 5 in order above each finger.

Less/Fewer


 is less than 


Less means fewer or not as many

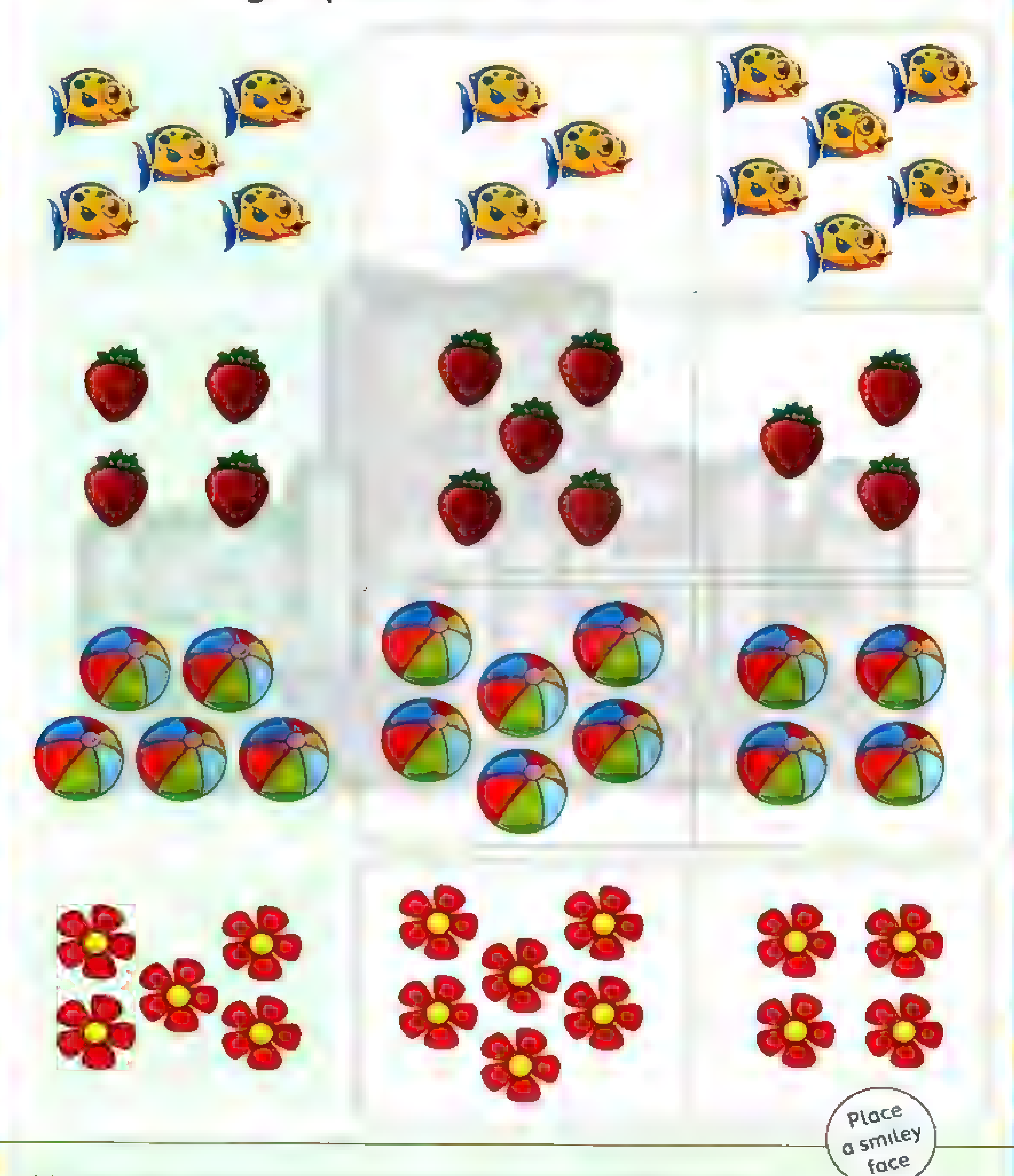
Circle the group that is less.






• Draw a set of items on a sheet of paper and ask your child to draw another set that has less items.

Circle the sets on the right that have fewer objects than the groups on the left.



Place a smiley face

• Ask your child to compare two groups of objects in your home and tell which group is more and which is less.

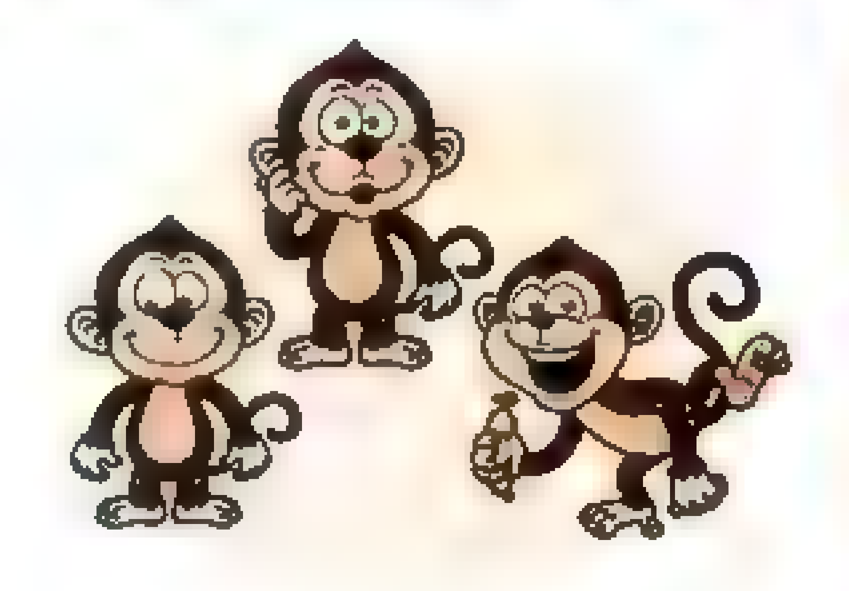
Lesson 14

Fun with numbers up to 3

Draw lines to match each group to the correct number.



1





2



3



Notes for parents

• Encourage your child to practice counting numbers 1-3 and draw pictures to illustrate these numbers.



How many are there ? Write the numbers.

• Help your child to practice writing numbers 1-3.



Circle the numbers that are the same as the words.

two	1	2	3
one	3	1	2
three	2	3	1

Count, write the numbers and trace the words.

one

two

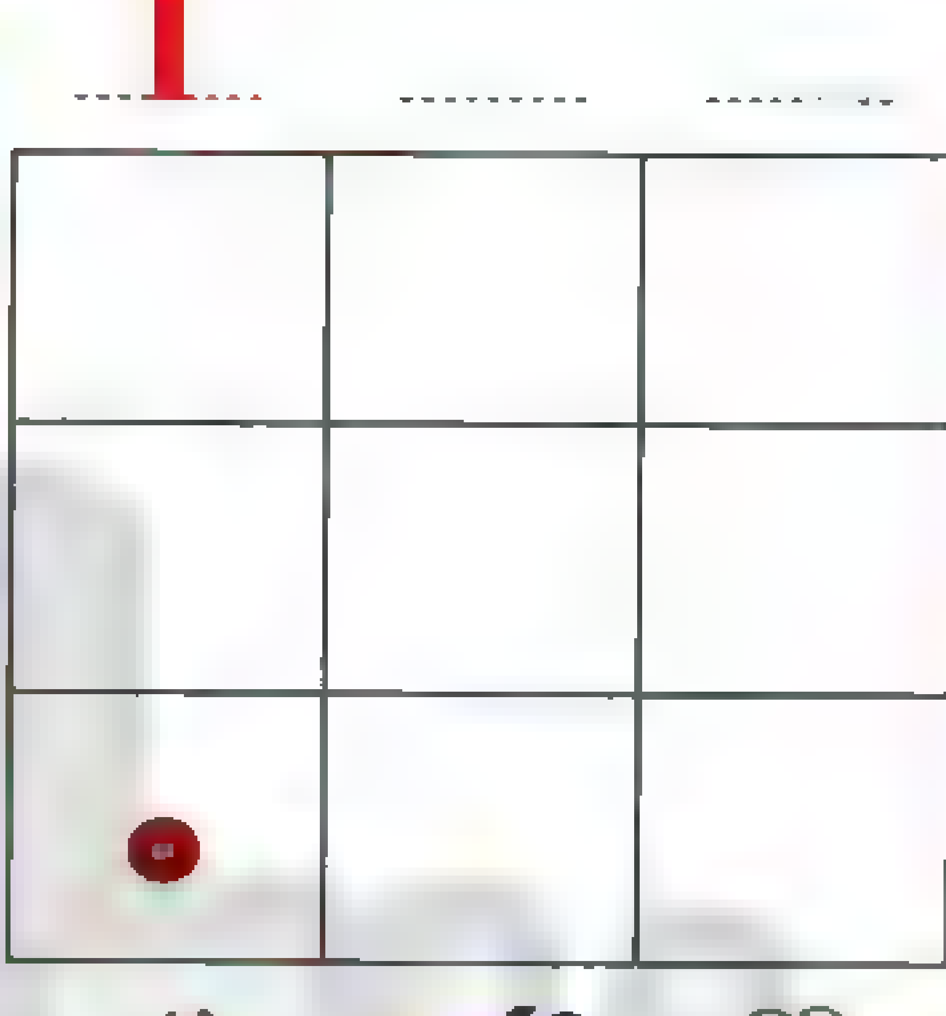
three

Notes for parents

- Write the words one, two and three and ask your child to write each of them in the air.

Draw one dot for each animal. Write the number.
The first one is done for you.









- Circle which animal there is the most of.





Circle the number that is more.

2	1

2	3

3	1

Place a smiley face

- Use the vertical counting frame to 3 to help your child compare numbers.



Lesson 15

Fun with numbers up to 4

Draw lines to match each group to the correct number.

1

2

3

4

- Give your child 4 bags labeled 1-4, then ask him\her to collect things to put in the four bags such as 1 ruler, 2 pens, 3 pencils and 4 crayons.

How many do you see ? Write the numbers.



• Ask your child to draw a big square and write numbers 1-4 beside each side to remember how many sides does the square have.



Circle the numbers that are the same as the words.

three	4	3	1	2
two	1	4	2	3
four	4	3	2	1
one	3	2	1	4

Count, write the numbers and trace the words.

one

two

three

four

Notes for parents

- Help your child to make a connection between numbers and its words.

Draw one dot for each insect. Write the number at the top of each column.

| --- | --- | --- | --- |

- Circle which insect there is the most of

Circle the number that is less.

2	1

3	2

4	3

2	4

Place a smiley face

- Ask your child to compare numbers up to 4 using vertical counting frams.

Lesson 16

Fun with numbers up to 5

Color the picture.

1 yellow | 2 red | 3 orange | 4 green | 5 purple

5 5 1 3 3 5 3 5 2 3 3 5 2 1 3 5 5 3 5 3 3 1 1 1 1 3 1 3 3 1 3 1 1 1 1 1 3 3 3 4 4

Notes for parents

• Have your child find groups of 3,4 and 5 objects at home.





Count Color Write

4

• Use magazines to find 4 birds and 5 animals and cut around them, then ask your child to write 4 and 5 on a paper and glue each number to show each group.



Circle the numbers that are the same as the words.

four	5	4	2	1	3
three	1	4	3	5	2
five	2	5	4	3	1

Count, write the numbers and trace the words.

one

two

three

four

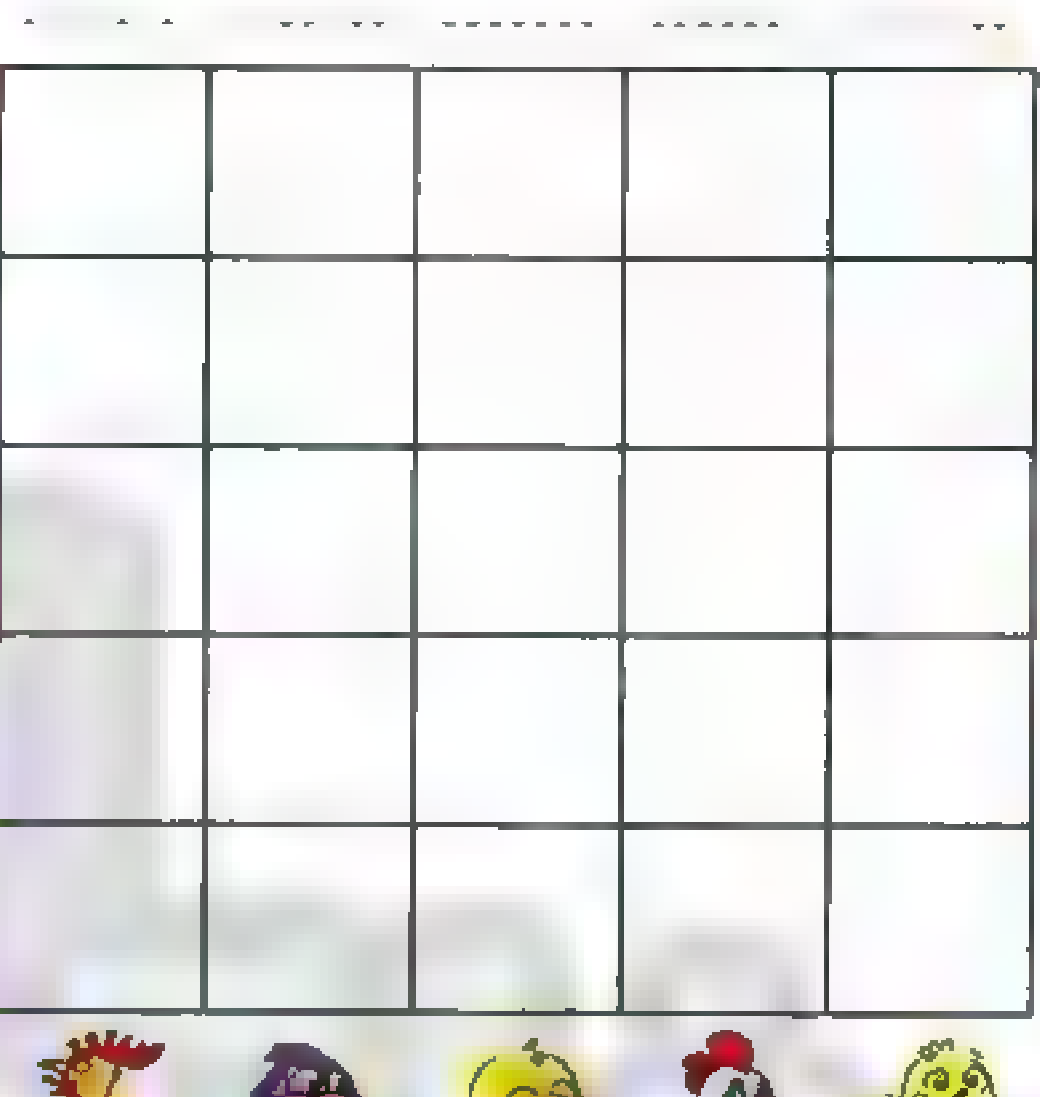
five

Notes for parents

- Help your child to make a connection between numbers (1-5) and number words (one - five).

Draw one dot for each bird. Write the number at the top of each column.





Circle which bird there is the least of.

Circle the number that is more.

3	4

2	5

4	2

Circle the number that is less.

5	1

3	5

2	3

• Compare two groups of products, for example 5 juice boxes and 2 boxes of milk. Have your child place the items in two rows to find out which group has more.

Place a smiley face

Lesson 17

Writing number 0



How many ducks in the lake ?

Circle the nests that have zero birds inside.

Notes for parents

• Ask your child to write the number 0 in the air.

How many birds are there? Write the numbers.

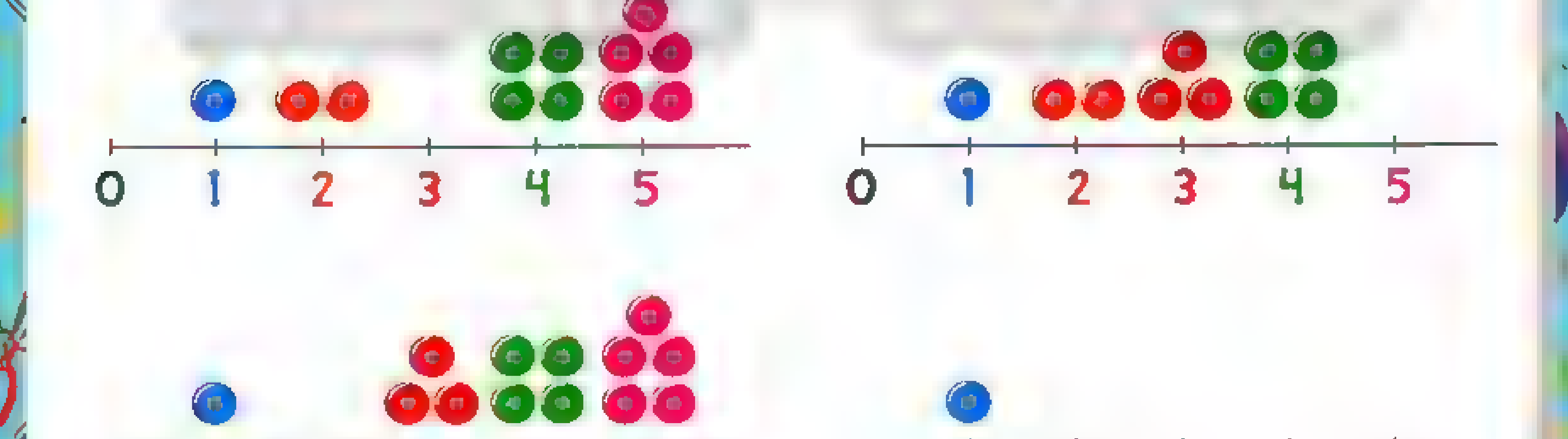
• Ask your child questions as : How many wings do you have ?

Number line

The number line is a line of numbers that go in order.



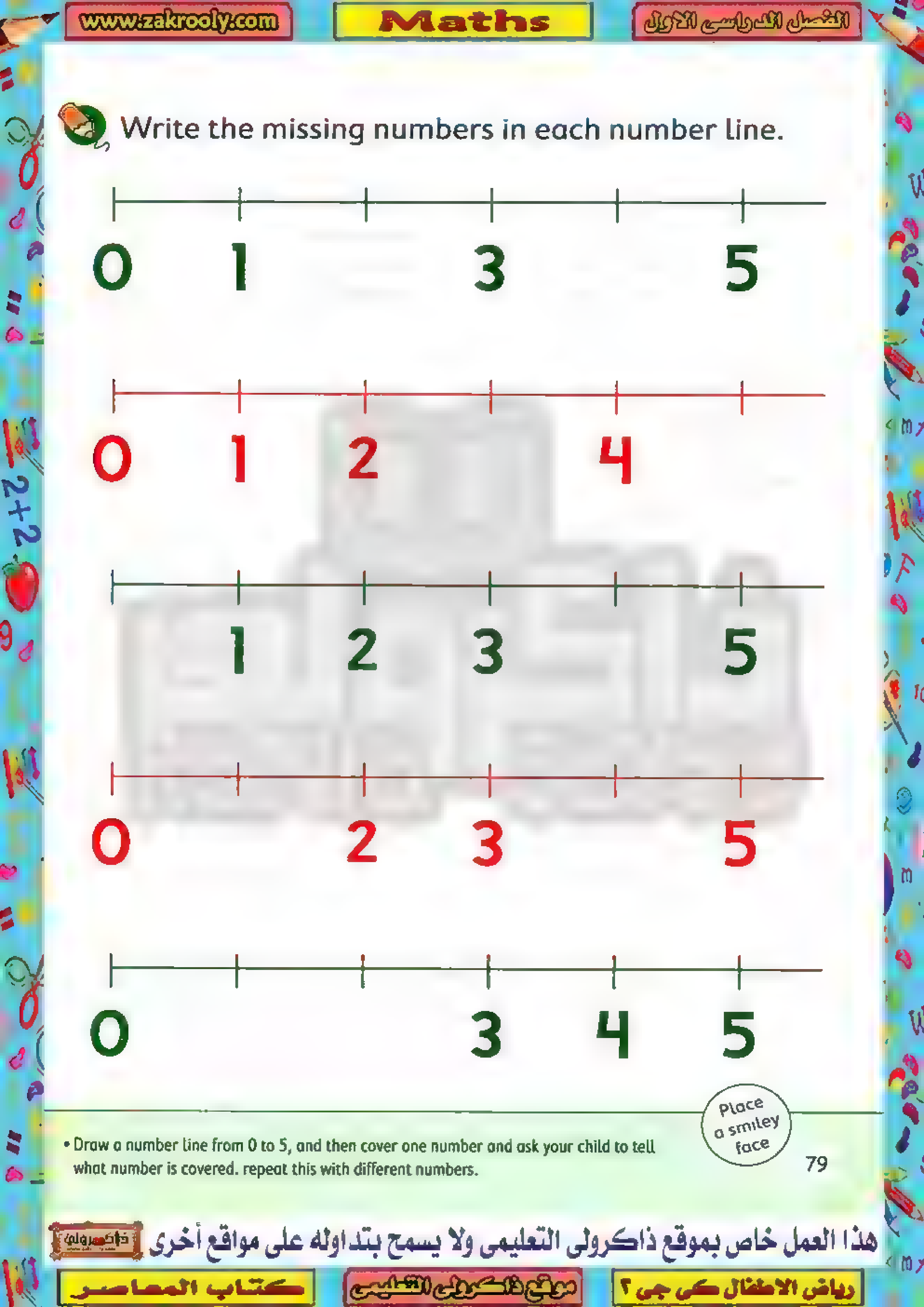
Draw the missing dots according to the number on each number line.



Notes for parents

• Ask your child to count in order from 0 to 5.





Write the missing numbers in each number line.

0 1 _ 3 _ 5

0 1 2 _ 4 _

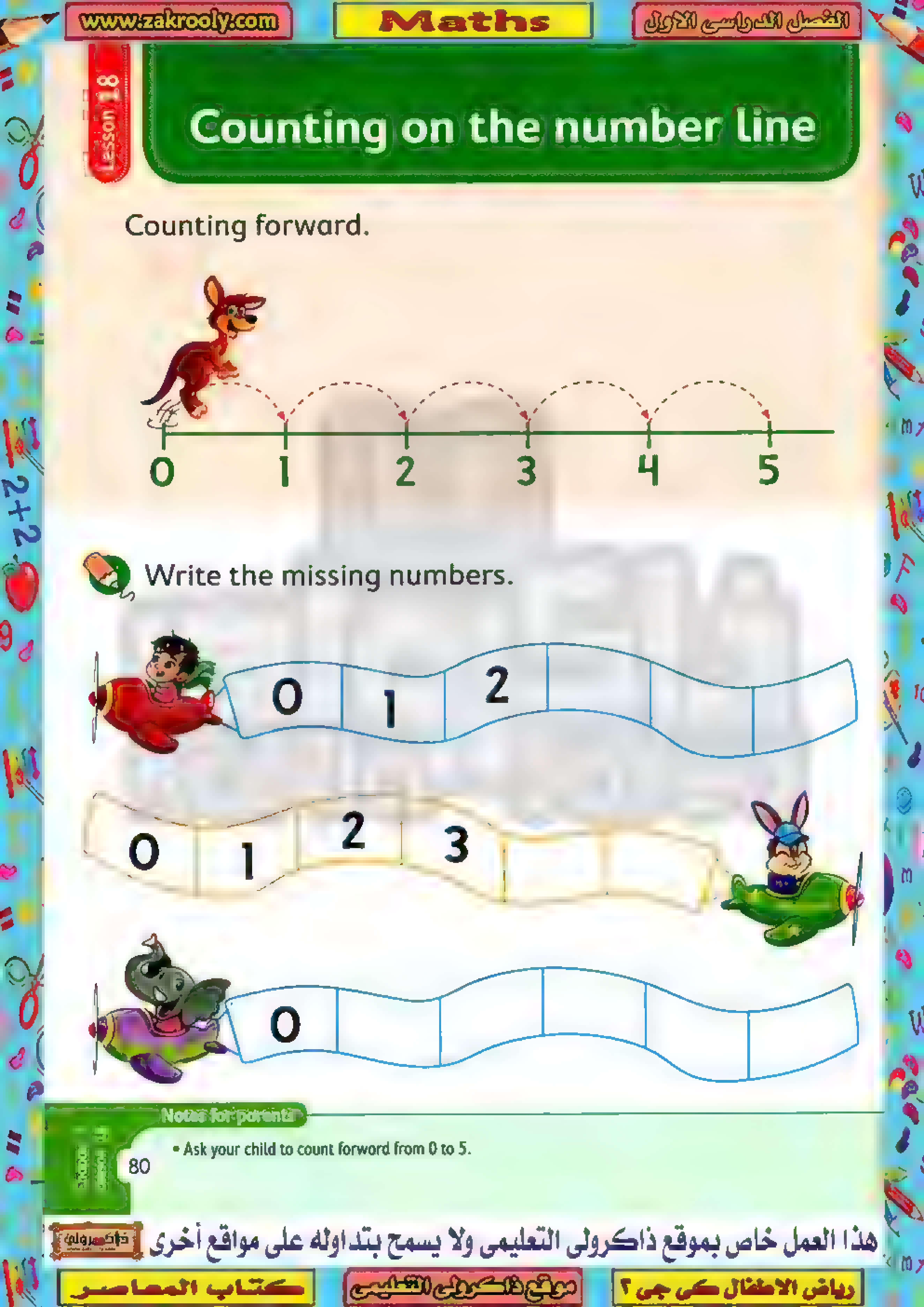
_ 1 2 3 _ 5

0 _ 2 3 _ 5

0 _ _ 3 4 5

- Draw a number line from 0 to 5, and then cover one number and ask your child to tell what number is covered. repeat this with different numbers.

Place a smiley face



Lesson 18

Counting on the number line

Counting forward.

0 1 2 3 4 5

Write the missing numbers.

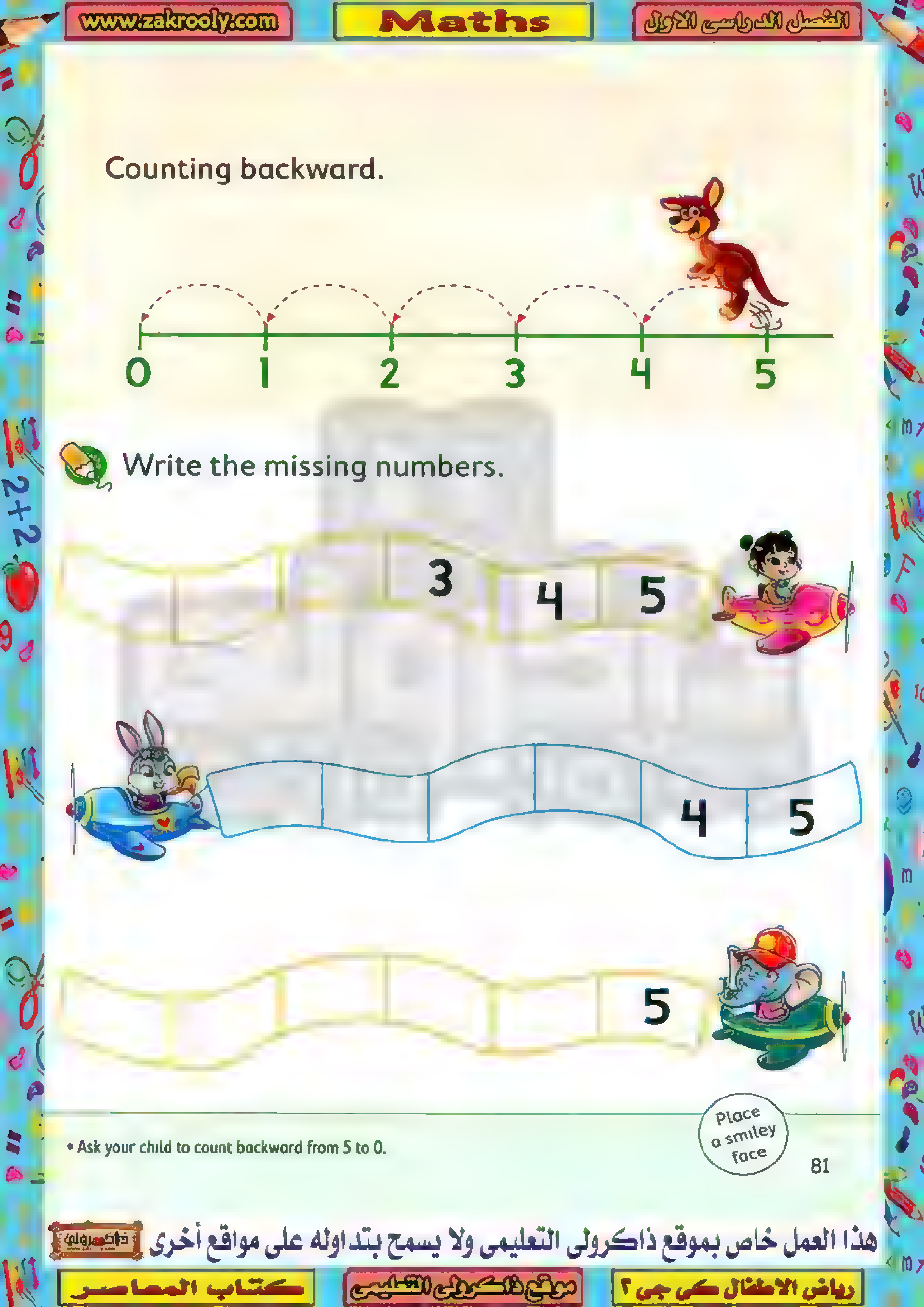
0	1	2			

0	1	2	3		

0					

Notes for parents

- Ask your child to count forward from 0 to 5.



Counting backward.

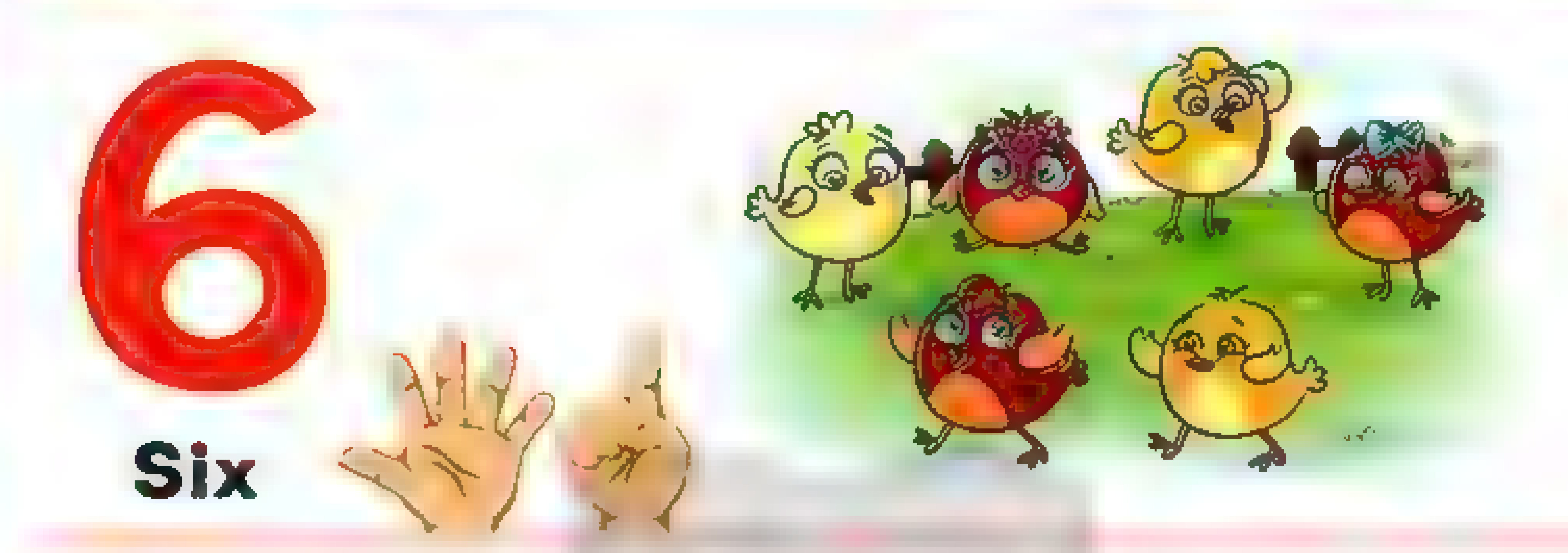
Write the missing numbers.

• Ask your child to count backward from 5 to 0.



Lesson 19

Counting up to 6



Circle the groups of 6.

Note for parents

- Use an empty egg carton. Count aloud up to six with your child as he\she places an object such as bean in each cup.



• Use vertical counting frames to explain that six is more than five.

Writing number 6



• Place a sheet of paper on the floor. let your child dip a finger into a jar of paint and write 6 on the paper.



Lesson 20

Counting up to 7

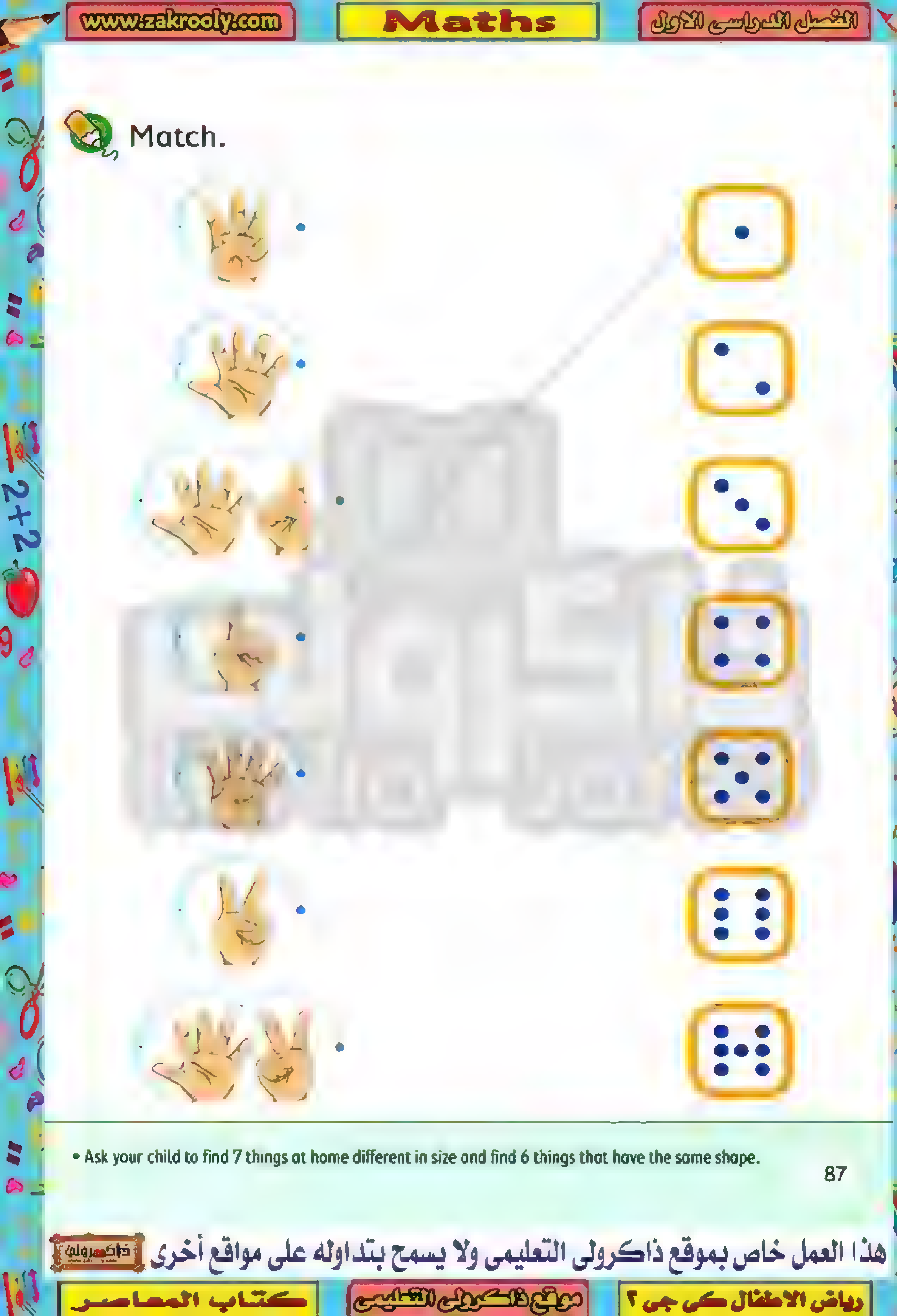
7

Seven

Circle the groups of 7.

Note for parents

• Say with your child the days of the week. Have your child raise a finger for each day and count the raised fingers.



Match.

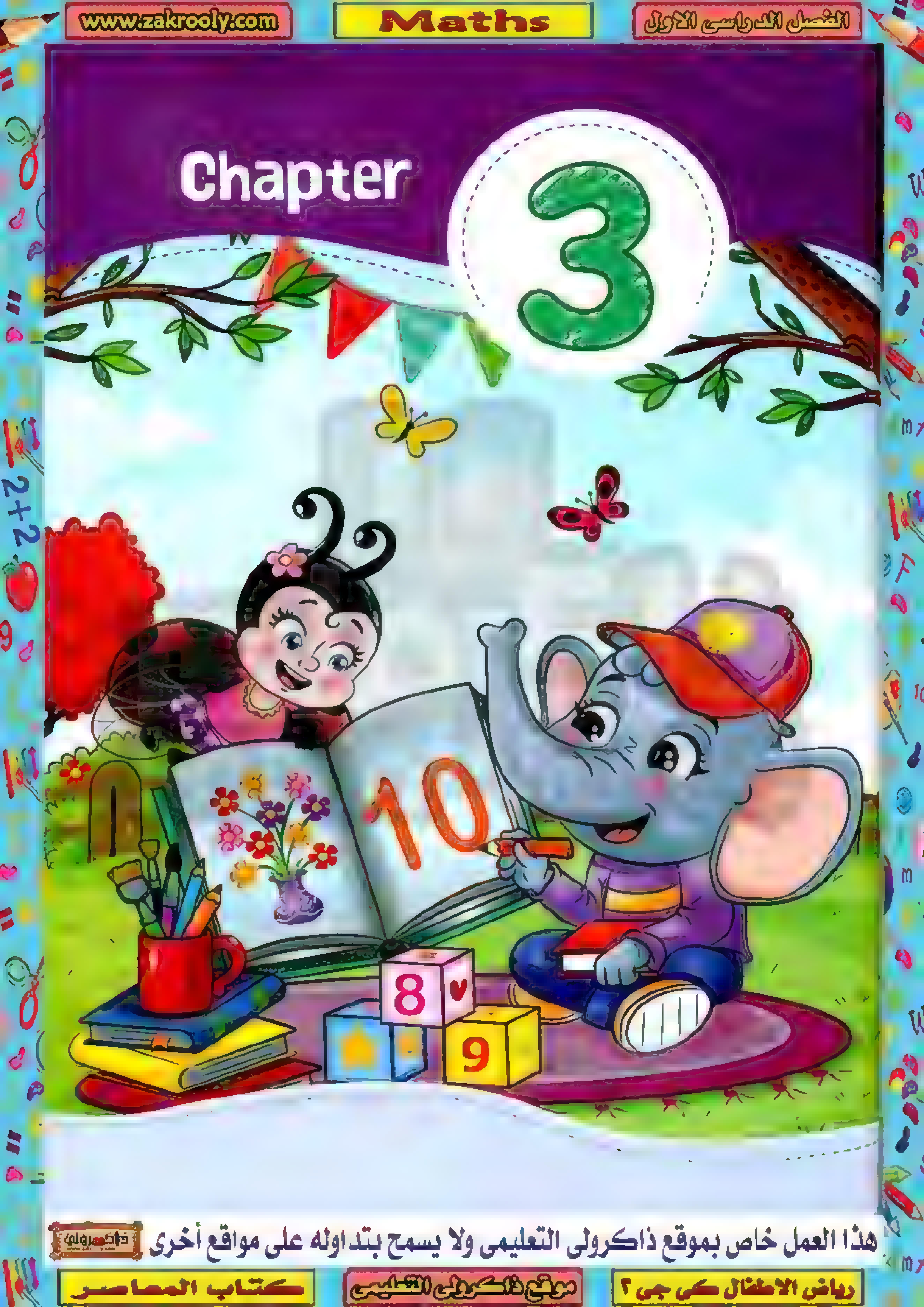
• Ask your child to find 7 things at home different in size and find 6 things that have the same shape.

Writing number 7



Notes for parents:

• Fill a container as a shoe box with flour and let your child to use his\her finger to write 7 in the flour.


Chapter
3
10
8
9

Lesson 21

Counting up to 8



Circle the groups of 8.

Notes for parents

- Arrange objects in groups from 1 through 8, and have your child count and tell how many.

Count the dots. Color the balloons.



• Ask your child to make a group of 8 using paper clips, dry pasta or beans.

Writing number 8



Eight

8

Count 8 ☁s

Stick 8 ☆s

Stick number 8

Trace 8

Write 8

Notes for parents

- Have your child find a group of 8 objects and write the number for how many.
- Ask your child to write the number 8 in the air.

The rectangle



This is a rectangle.

Color 2 ▭s .

Notes for parents

- Ask your child to find 5 rectangular objects at home.

 Put 5 ▭s around 5 butterflies. Put 8 △s around 8 flowers.



Trace all ▭s. How many rectangles did you trace ?

Place a smiley face

• Ask your child to draw a rectangle in the air.





Lesson 22

Counting up to 9



Circle the groups of 9.

Notes for parents

- Ask your child to draw 3 triangles, then ask him/her to count all their sides.



Color the marbles in each bag according to the written number.

8 3 5 1 4 6 2 0 7 9

• Ask your child to make a tower of 9 cubes, another tower of 8 cubes and a third one of 7 cubes.

Writing number 9



Notes for parents

• Ask your child to sort objects, such as buttons, into groups of 9 and write the number.

Lesson 23

Counting up to 10



Circle the groups of 10.

Notes for parents

• Ask your child to raise his/her fingers to show 10.

Circle 10 bugs in each group.



• Use toys or other objects with your child to creat sets of 10

Writing number 10



Notes for parents

- Ask your child to clap his/her hands ten times and write the number 10.

Lesson 24

Practice writing the number 1

Trace the number 1.

Write the number 1.

Draw lines from the number 1 to the groups of 1.

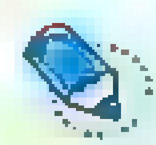
1

Notes for parent

• Ask your child to write 1 on a blank paper and draw 1 object then stick it on the wall of his / her room.

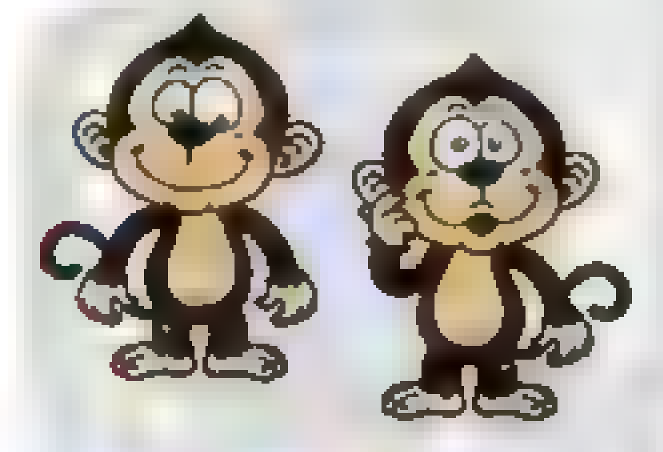


Practice writing the number 2


Trace the number 2.


Write the number 2.


Draw lines to match each group to the correct number.




1




2




• Ask your child to write 2 two times and draw two objects then color them.

Practice writing the number 3

Trace the number **3**.

Write the number **3**.

Draw lines to match each group to the correct number.

1

2

3

Notes for parents

- Ask your child to write a large 3 in a white paper and use his / her crayons to color it.

How many birds are there ? Write the numbers.



• Ask your child to write the numbers 1 - 3 forward and backward 3 times.

Lesson 25

Practice writing the number 4

Trace the number **4**.

Write the number **4**.

Color number 4.
How many chicken are there ?

4

Notes for parents

- Use magazines to find 4 animals and cut around them. Then ask your child to write 4 on a paper and glue the pictures.

Practice writing the number 5

Trace the number **5.**

Write the number **5.**

Color number 5.
How many butterflies are there ?

• Ask your child to write the numbers 0 – 5.





Practice writing the number 6

Trace the number **6.**

Write the number **6.**

Color number 6.
How many gifts are there ?

Notes for parents

- Ask your child to write a large 6 in a blank paper and draw 6 pencils then color them.

Color the picture.

3 yellow | 4 purple | 5 green | 6 Blue

• Ask your child to raise his/her fingers to show 3, 4, 5 and 6 and write the numbers each time he/she does that.

Place a smiley face

Lesson 26

Practice writing the number 7

Trace the number 7.

Write the number 7.

Count the ladybugs. Connect the dots. Color the number.

2 • • 3

1 • • 4
7

6 • • 5

Notes for parents

- On the calendar ask your child to write 1 - 7 on the days of the week.

Practice writing the number 8

Trace the number **8.**

Write the number **8.**

Connect the dots from 1 to 8. Color the picture.

1 2 3 4 5 6 7 8

• Ask your child to draw 2 squares and write the numbers 1 – 8 beside their sides.

Practice writing the number 9

Trace the number 9.



Write the number 9.

Connect the dots from 0 to 9. Color the picture.



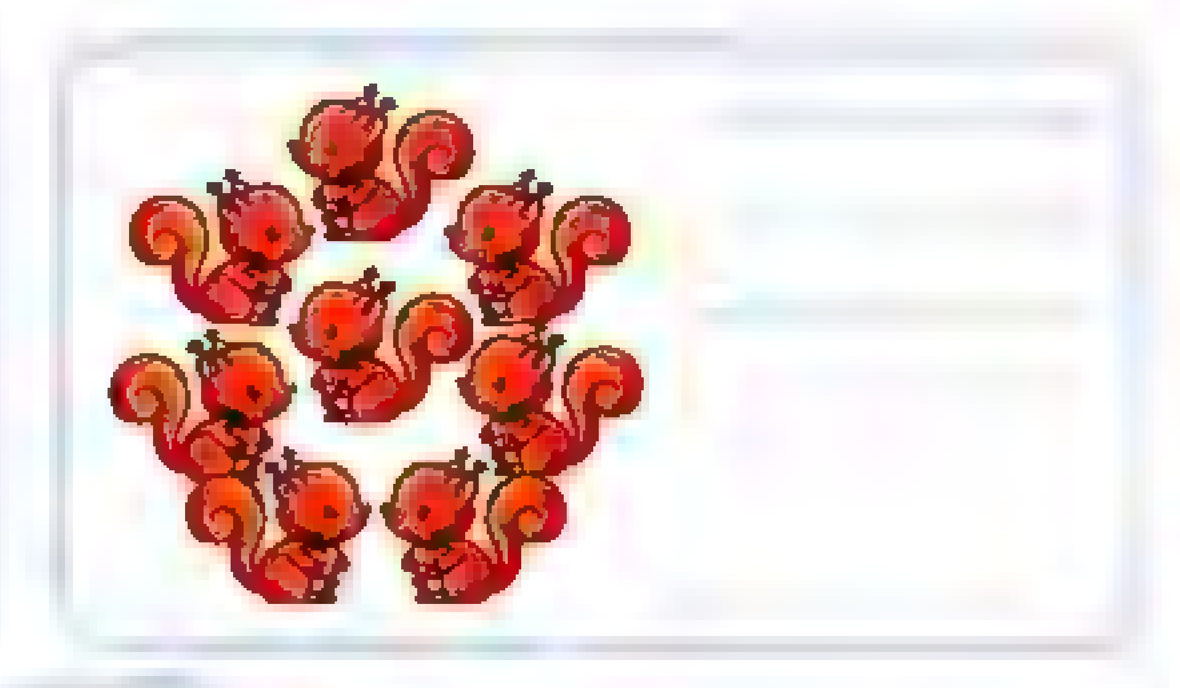
Notes for parents

- Ask your child to hop or jump 9 times and write the number 9.



Write how many animals are there in each group.





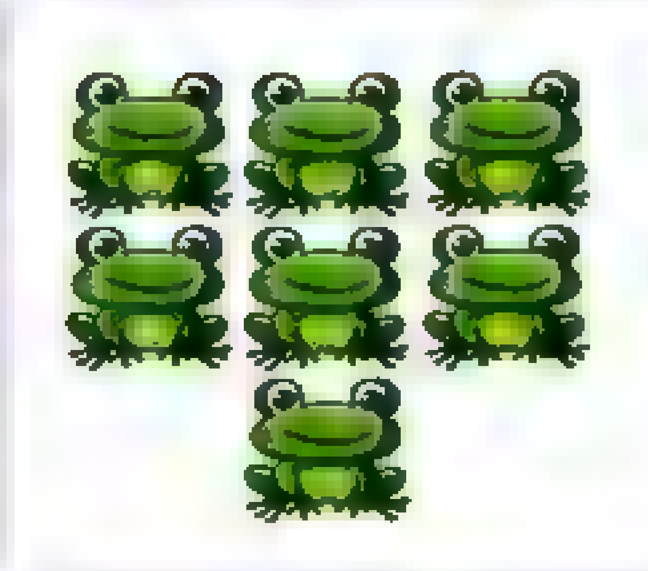












Place a smiley face

• Ask your child to write 1-9 in order.

Lesson 27

Practice writing the number 10

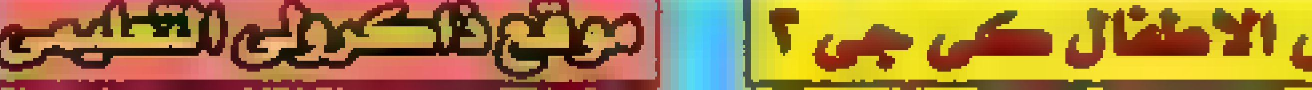
Trace the number **10.**

Write the number **10.**

Count the items. Write the numbers.

Notes for parents

- Ask your child to write the number 10 ten times.



Count your fingers on both hands. Write the numbers from 1 to 10.



• Ask your child to count loudly when he/she is writing numbers 1-10.



Write the numbers. Circle the greater number.

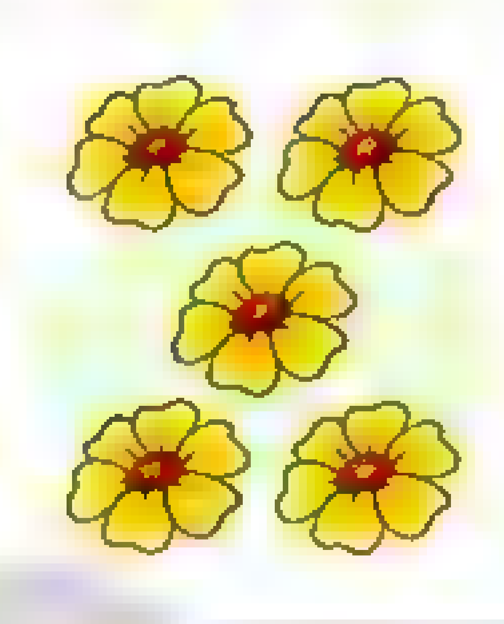
Notes for parents

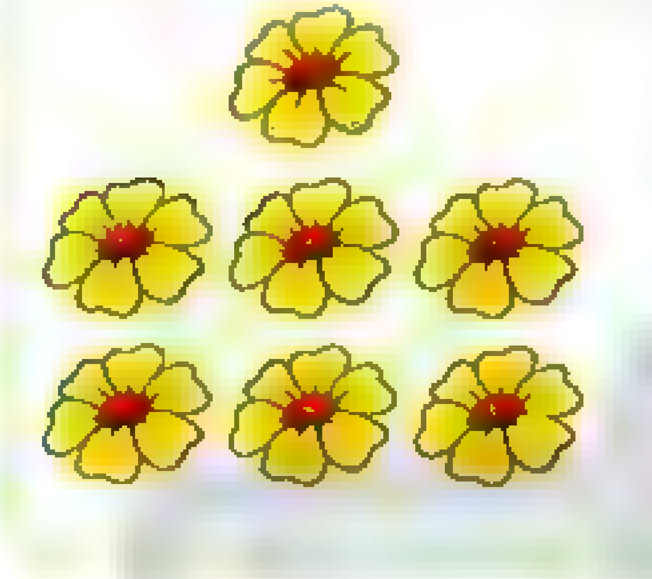
- Ask your child to create two sets of dry pasta one of them has 3 objects and the other has 7 objects. Let him/her decide which one has more objects than the other.

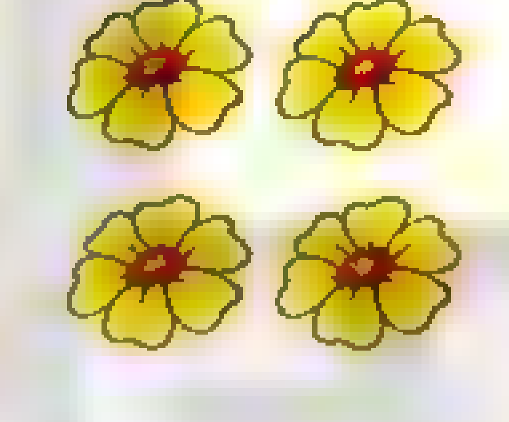


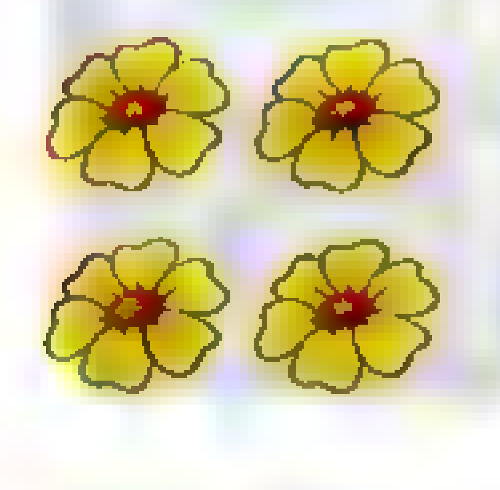
Write the numbers. Circle the number that is less.



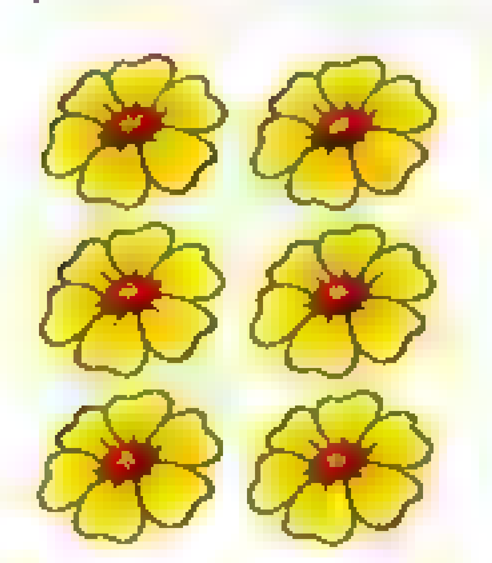


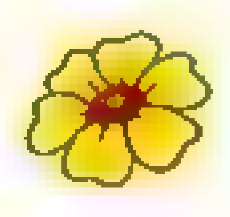












Place a smiley face

• Ask your child to tell you the name of a member of your family his/her age is less than 7 years.

Lesson 28

Review writing numbers 0-10

Trace and write the numbers from 0 to 10.

Notes for parents

• Ask your child to count objects at home and write the numbers.



• Ask your child to count the objects in this page loudly and write the numbers.

Count. Write the number. Circle the group that has more objects as the example.



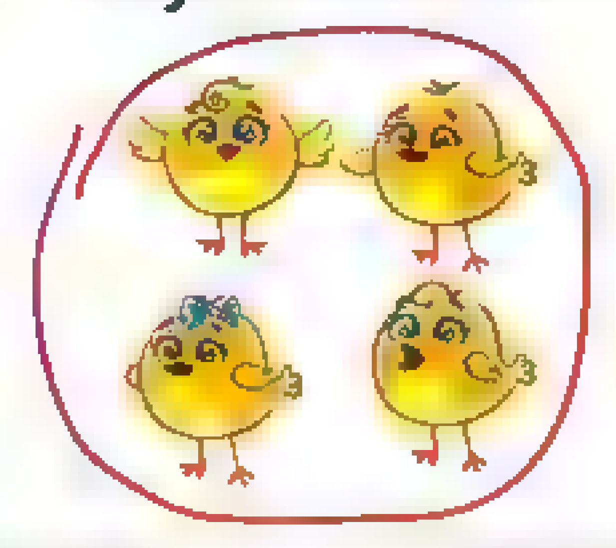
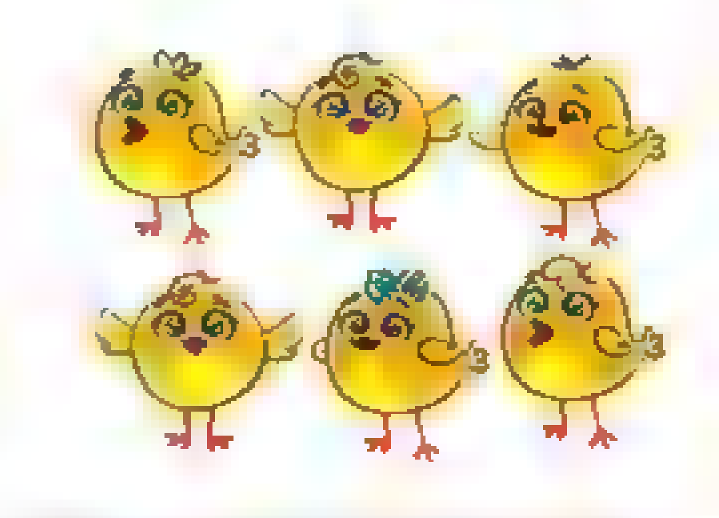
Circle the number that is greater.

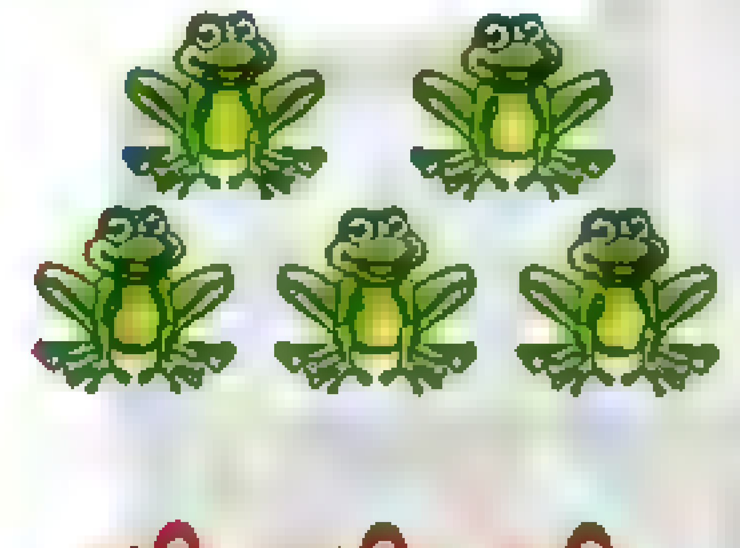
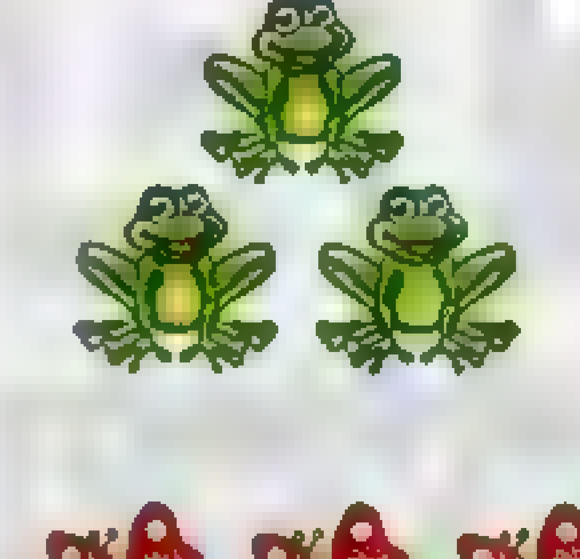
7 3 | 6 10 | 8 4

Notes for parents

- Ask your child to show you more than 5 paper clips.

Count. Write the number. Circle the group that has less objects as the example.



Circle the number that is less.



3 9 4 5 10 6

Place a smiley face

• Arrange two unequal groups of objects, each of 10 or fewer objects. Ask your child to tell which group has less.

Lesson 29

Number words 0-10

Circle the numbers that are the same as the words.

three	5	6	3	2
seven	7	8	4	1
two	1	2	3	4
ten	10	7	3	4
nine	10	9	2	4

Notes for parents

• Help your child to make a connection between numbers and number words.

Circle the numbers that are the same as the words.



4 3 5 10



1 9 6 8



3 4 5 6



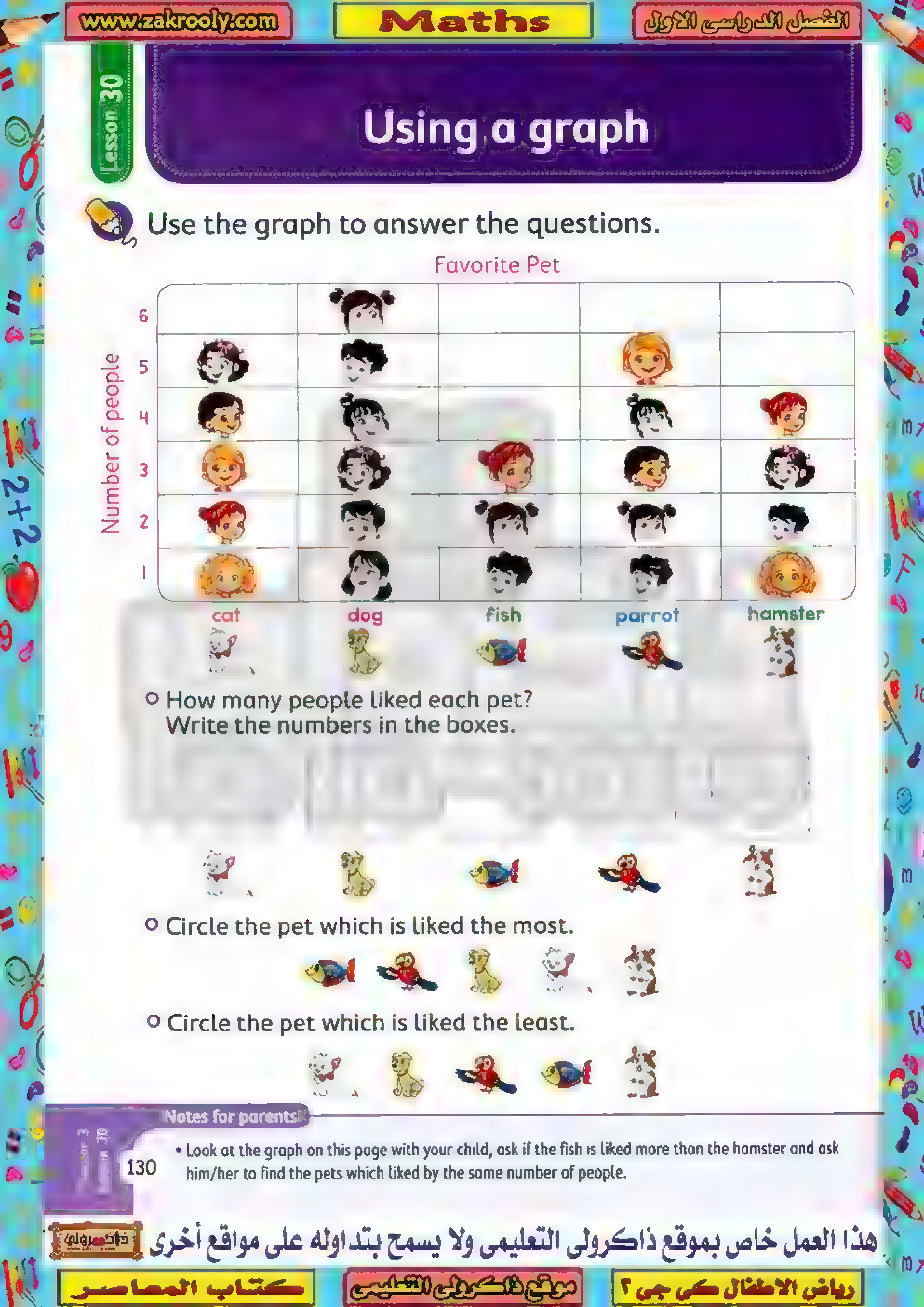
9 7 6 8



7 9 8 4

- Help your child to make a connection between numbers and number words.

Place a smiley face



Lesson 30

Using a graph

Use the graph to answer the questions.

- How many people liked each pet?
  Write the numbers in the boxes.

- Circle the pet which is liked the most.

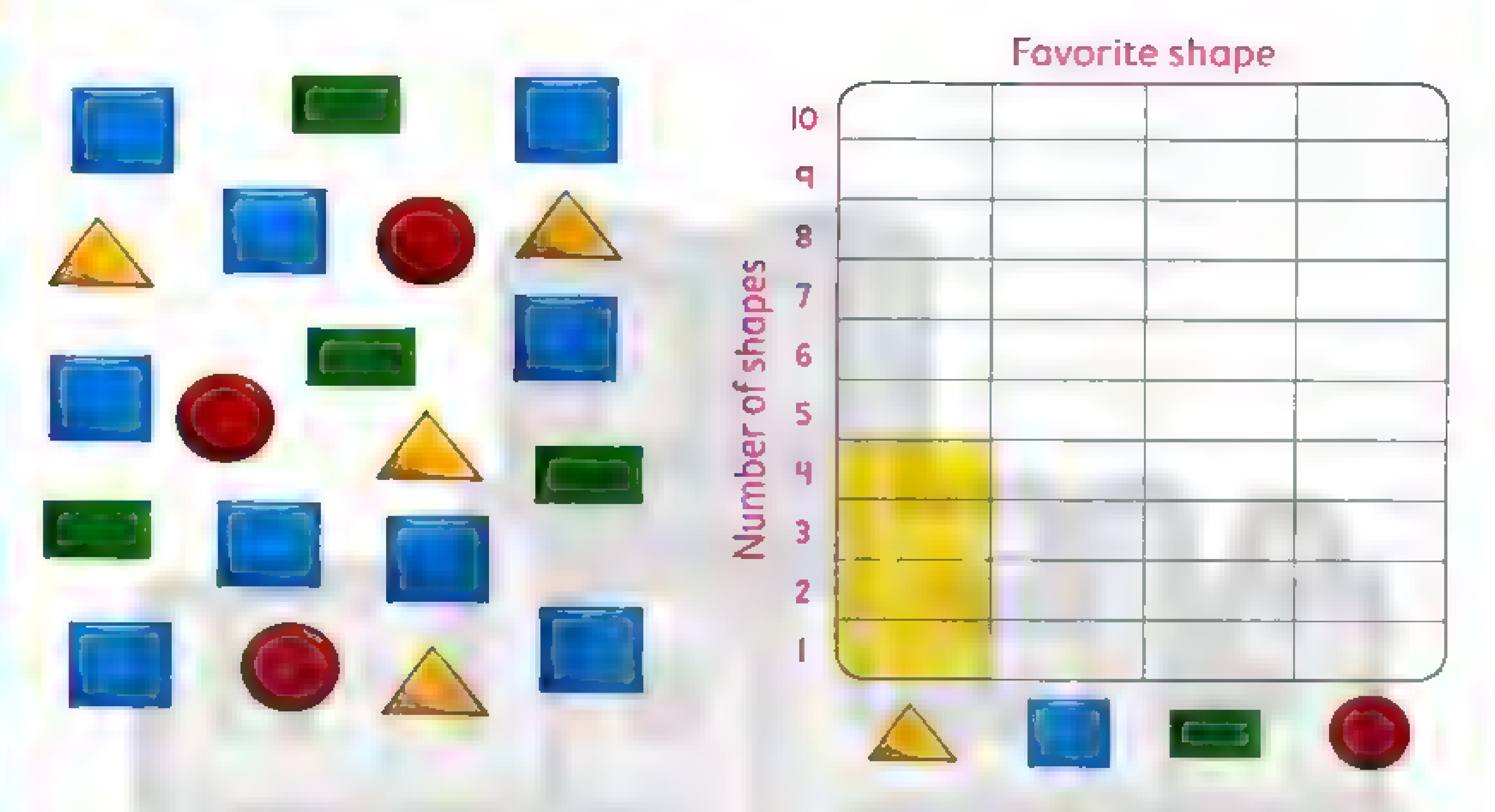
- Circle the pet which is liked the least.

Notes for parents

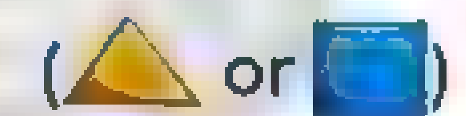
- Look at the graph on this page with your child, ask if the fish is liked more than the hamster and ask him/her to find the pets which liked by the same number of people.

Making a graph

Color one box for each shape to show how many.
The first one is done for you.



○ Choose:

- The number of [green rectangle] is less than the number of 
- The number of [triangle] is equal to the number of 
- The number of [green rectangle] is more than the number of 
- Which shape is the most favorite? 
- Which shape is the fewest favorite? 

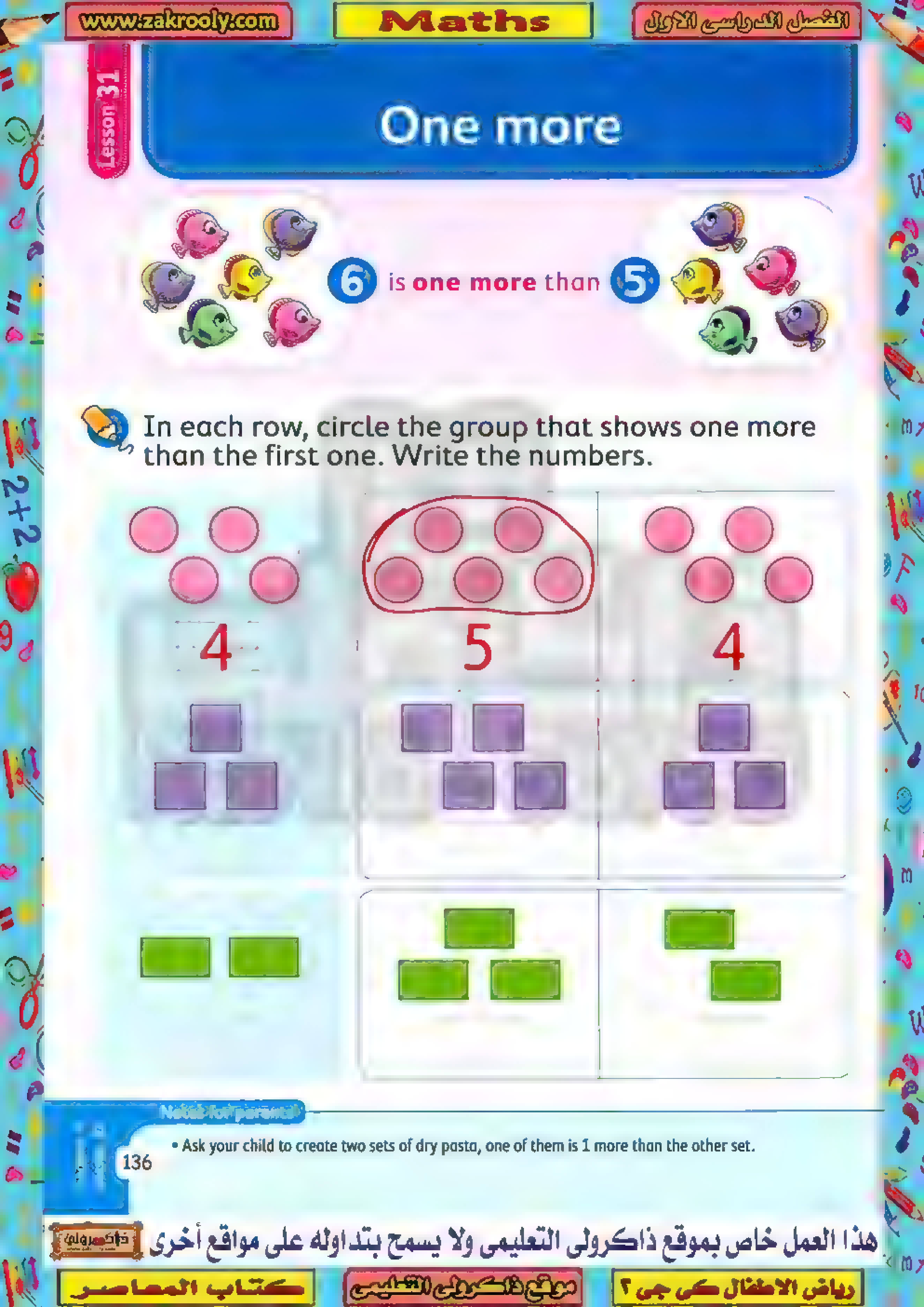


• Ask your child to make a graph with objects such as toys. Then ask him/her questions about more,less and equal to.





Chapter
4
05
50
32
14
23
41



Lesson 31

One more

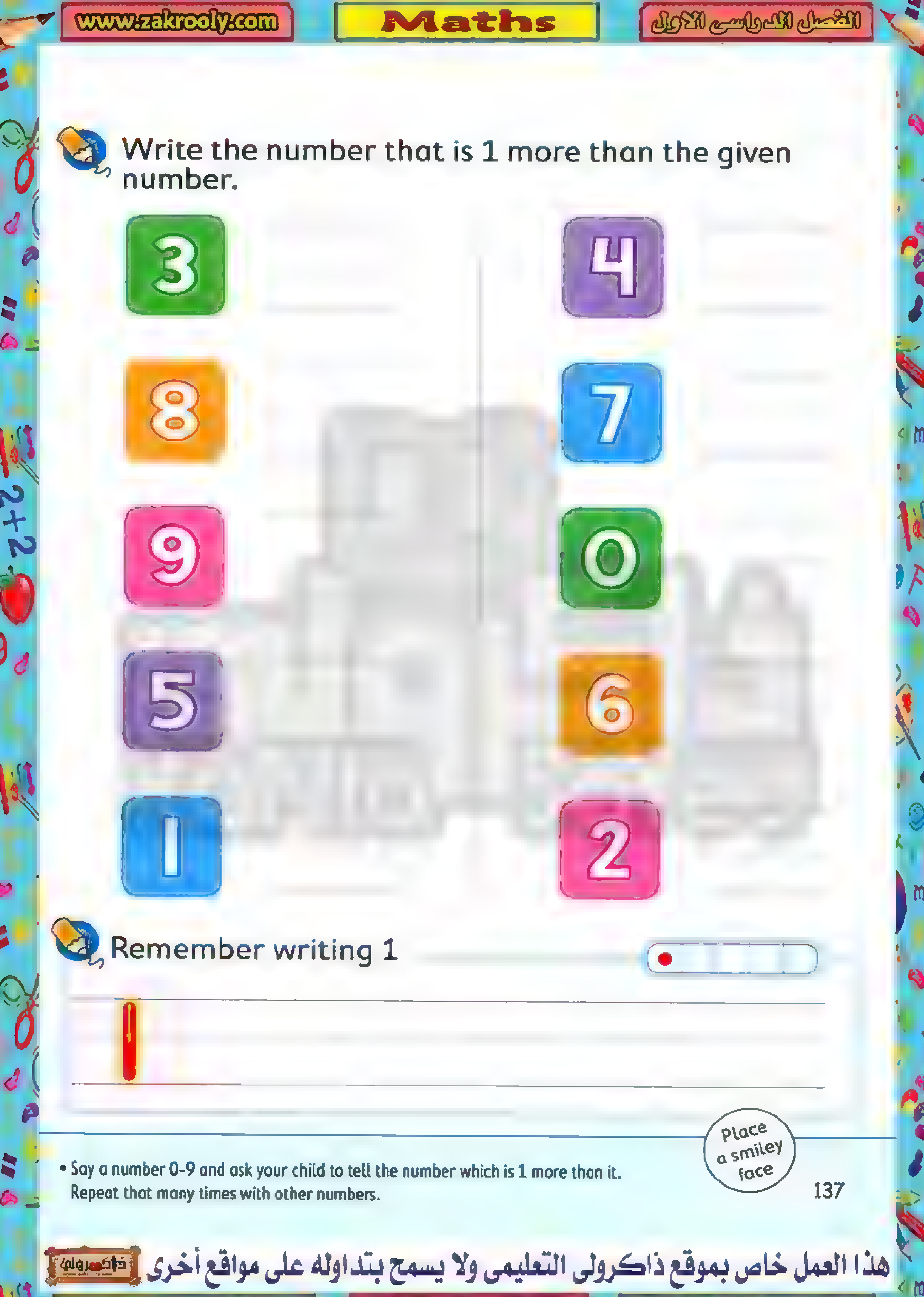
6 is **one more** than 5

In each row, circle the group that shows one more than the first one. Write the numbers.

4	5	4

Notes for parents

• Ask your child to create two sets of dry pasta, one of them is 1 more than the other set.



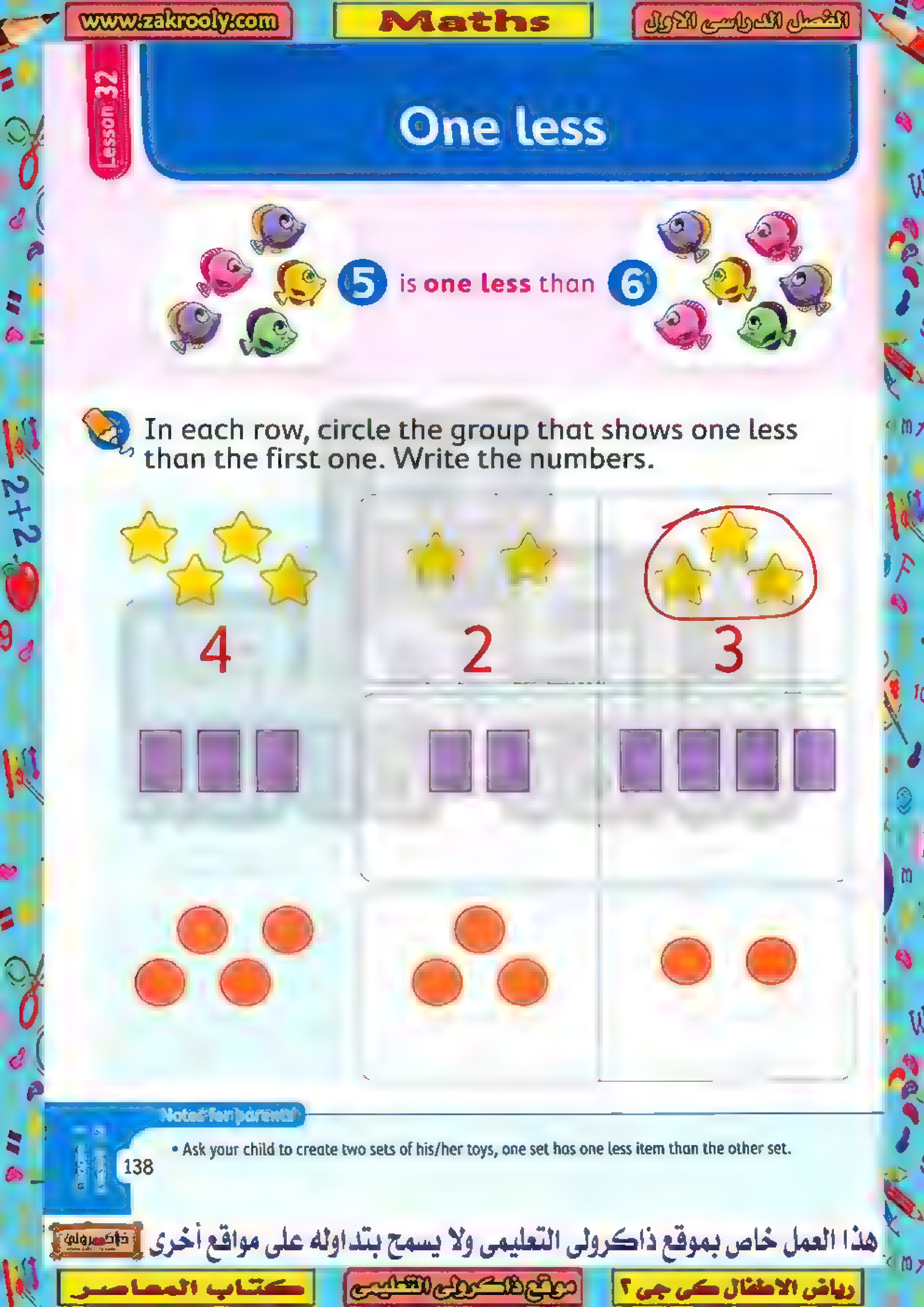
Write the number that is 1 more than the given number.

3
4
8
7
9
0
5
6
1
2

Remember writing 1

Place a smiley face

• Say a number 0–9 and ask your child to tell the number which is 1 more than it. Repeat that many times with other numbers.



Lesson 32

One less

5 is one less than 6

In each row, circle the group that shows one less than the first one. Write the numbers.

4	2	3

Notes for parents

• Ask your child to create two sets of his/her toys, one set has one less item than the other set.

Write the number that is 1 less than the given number.

3 ______ 7 ______

8 ______ 4 ______

6 ______ 10 ______

2 ______ 9 ______

1 ______ 5 ______

Remember writing 2

2

Place a smiley face

• Ask your child to draw a number of objects and count them, then cancel one of them and ask your child to count them again to get the number 1 less.



Lesson 33

One more / One less

Draw a group that is 1 more.

Draw a group that is 1 less.

Notes for parents

- Draw a set of objects, then ask your child to draw another 2 sets, one is "1 more" and the other is "1 less".

Write the number that is 1 more.

5 ____ | 8 ____ | 3 ____
6 ____ | 9 ____ | 4 ____

Write the number that is 1 less.

____ 7 | ____ 3
____ 5 | ____ 8
____ 6 | ____ 1

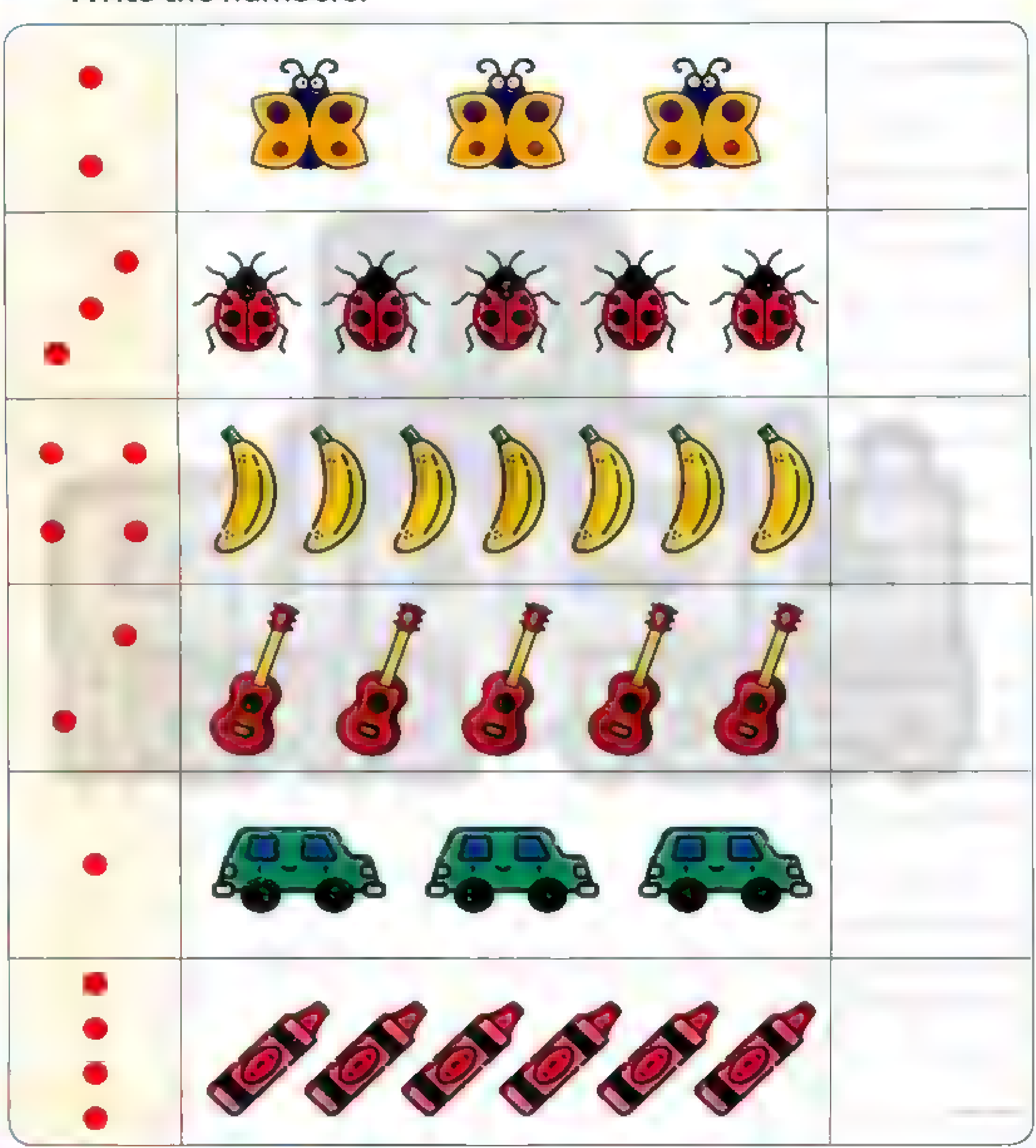
Write the number that is 1 more, and the number that is 1 less.

One less ____ 4 ____ One more
____ 6 ____
____ 9 ____

• Tell your child any number 1-9, and ask him/her to tell you a number that is 1 less and another number that is 1 more.

Fun with numbers up to 5

Circle the objects according to the number of dots in each row.
Write the numbers.



Notes for parents

- Ask your child to count the dots loudly.



Stick a dot card according to the number.

3	5	2	5
2	1	2	3
4	5	5	4

Remember writing 3

3

- Ask your child to create a dot card for numbers 1-5.

Place a smiley face

Lesson 34

Review numbers up to 5

Color the picture.

• red
••
•••
•••• blue
•••••



Notes for parents

• Ask your child to count the dots loudly and color the picture according to the coloring key.



Color the amount shown on the tags.

3

2

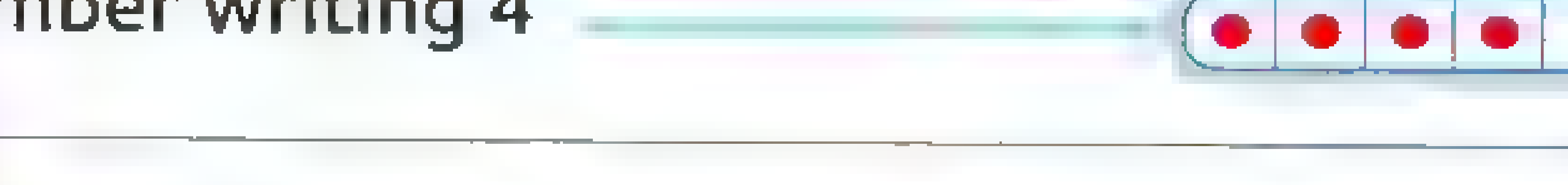
4

5

1



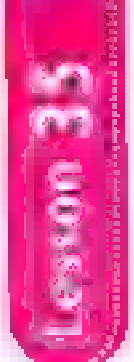
Remember writing 4



4

• Ask your child to write numbers 1-5 in a sheet of paper.





Lesson 35

Review numbers up to 10



Count the number of dots on each hat. Write the number.













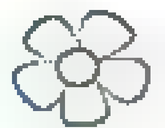
Notes for parents

- Ask your child to practice writing the numbers 6 through 10 on a sheet of paper.





Color the flowers.

 has 5 petals in **red**

 has 6 petals in **purple**

 has 7 petals in **orange**

- How many red flowers are there ?
- How many orange flowers are there ?
- How many purple flowers are there ?

- Ask your child to count all flowers, then count the flowers of each color and write how many.





 Draw a line from each  to the correct number word.





three

six





one

seven





two

five





ten

eight



nine

four





Notes for parents

- Ask your child to find from 1 through 10 objects at home to count and write the number that tells how many.





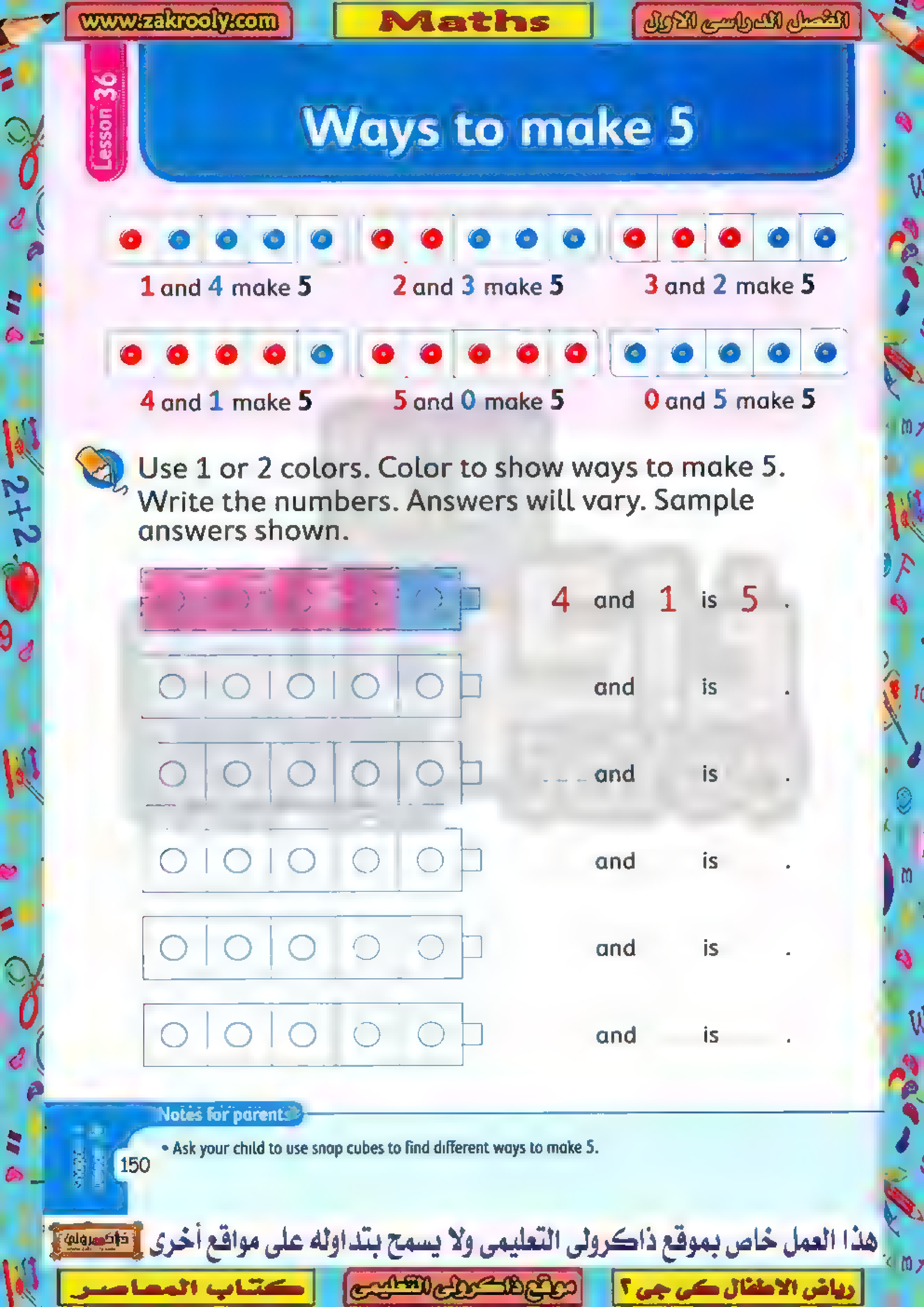
Count Color Write

Remember writing 5

5

Place a smiley face

• Help your child to make a connection between each number and its number word.



Lesson 36

Ways to make 5

1 and 4 make 5

2 and 3 make 5

3 and 2 make 5

4 and 1 make 5

5 and 0 make 5

0 and 5 make 5

Use 1 or 2 colors. Color to show ways to make 5. Write the numbers. Answers will vary. Sample answers shown.

4 and 1 is 5 .

and is .

and is .

and is .

and is .

and is .

Notes for parents

• Ask your child to use snap cubes to find different ways to make 5.



Draw the missing items to make 5 of each kind.
Write the numbers.

5

and

5

and

5

and

5

and

Remember writing 6

6

Place a smiley face

• Ask your child to use two kinds of objects such as buttons and dry pasta to show ways to make 5.

Lesson 37

Number bonds of 5

How many cupcakes they have together ?

3 and 2 make 5

Whole

5

Part 3 *Part* 2

Number bond



Notes for parents

- Help your child to understand that the number bond shows the relation between three numbers. It shows two parts that go together to make the whole.

Draw dots to make 5. Complete the number bonds as the example.

5
2 3

5

5

5

5

5

Remember writing 7

7

• Ask your child to use small objects to show different ways to make 5.

Place a smiley face

Lesson 38

Explore addition



How many balls of wool do the two kittens have all together ?

Draw 4 balls as a part
Whole
Part
Part

Draw 2 balls as a part
Whole
Part
Part

Put together to find the whole
Whole
Part
Part

4 and 2 make 6

Notes for parents

- Help your child to understand that adding means putting together.

Solve each problem. Use a number bond as the example.

There are 2 🚌. 3 more 🚌 come.
How many in all ?

2 and 3 is 5

Whole
Part Part

There are 2 🍎. there are 4 🍎.
How many in all ?

___ and ___ is ___

Whole
Part Part

3 🚗 are in the lot. 5 more 🚗 come.
How many in all ?

___ and ___ is ___

Whole
Part Part

There are 2 🚢. 7 more 🚢 come.
How many now ?

___ and ___ is ___

Whole
Part Part

Remember writing 8

8

• Help your child to make a number bond and use counting on to find the total.

Place a smiley face

Lesson 39

More about addition

Join to make 5.



Notes for parents

- Ask your child to count raised fingers to find the total.



Count and write how many animals there are in all.

• Ask your child to tell a story about each picture.

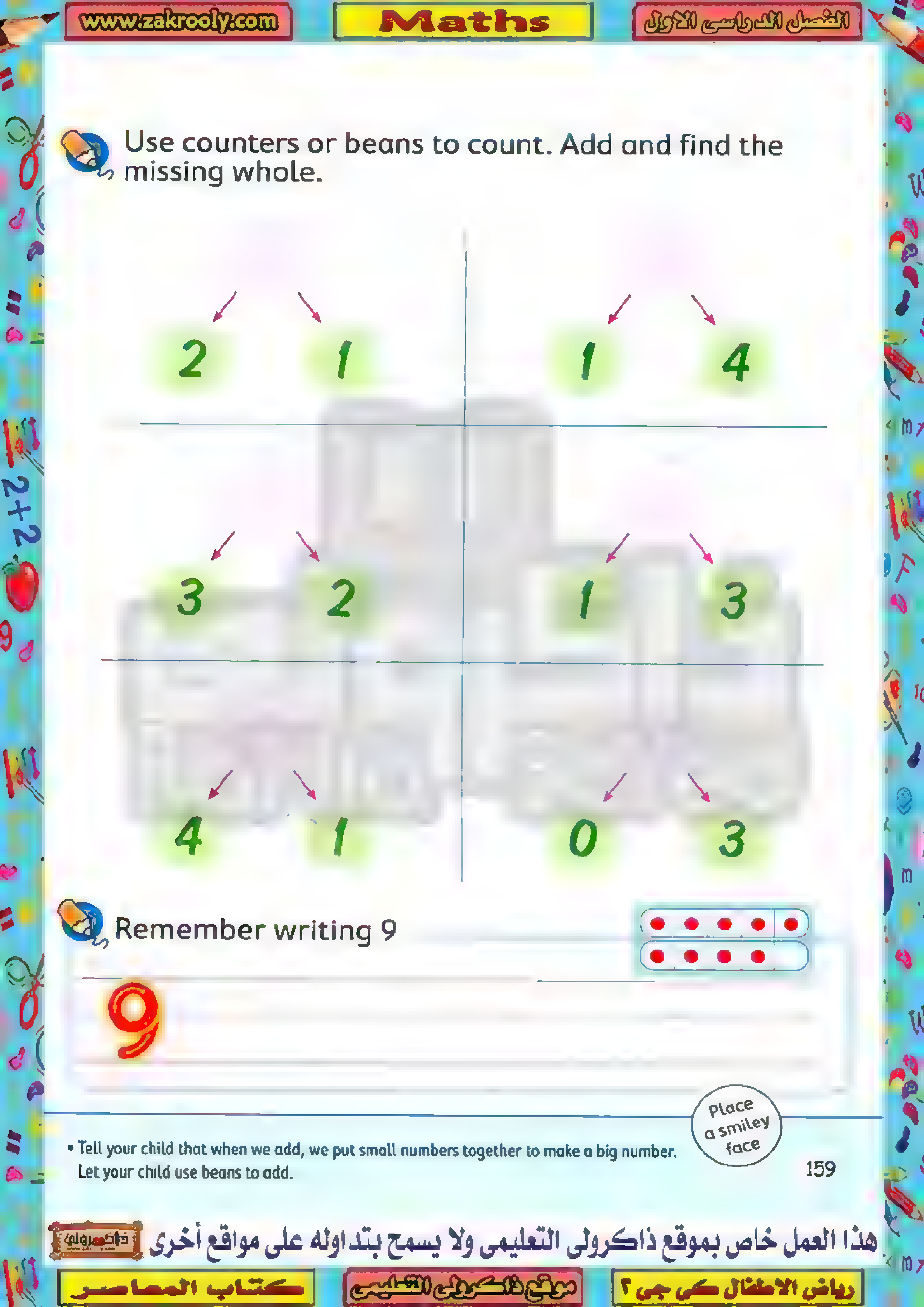


Write the numbers. Write the parts on the number bond. Then count to write the whole as the example.

3 1

4
3 1

Notes for parents
• Help your child to count on to solve each problem in this page.



Use counters or beans to count. Add and find the missing whole.

2 1

1 4

3 2

1 3

4 1

0 3

Remember writing 9

9

Place a smiley face

• Tell your child that when we add, we put small numbers together to make a big number. Let your child use beans to add.



Lesson 40

Practice addition

How many are there in all?
Write the numbers
and write the total.

4 and 1 is 5

and is

and is

and is

and is

Notes for parents

• Tell your child that addition is putting together.



Complete the number bonds as the example.

5 → 4, 1

→ 3, 2

→ 2, 3

→ 1, 4

→ 5, 0

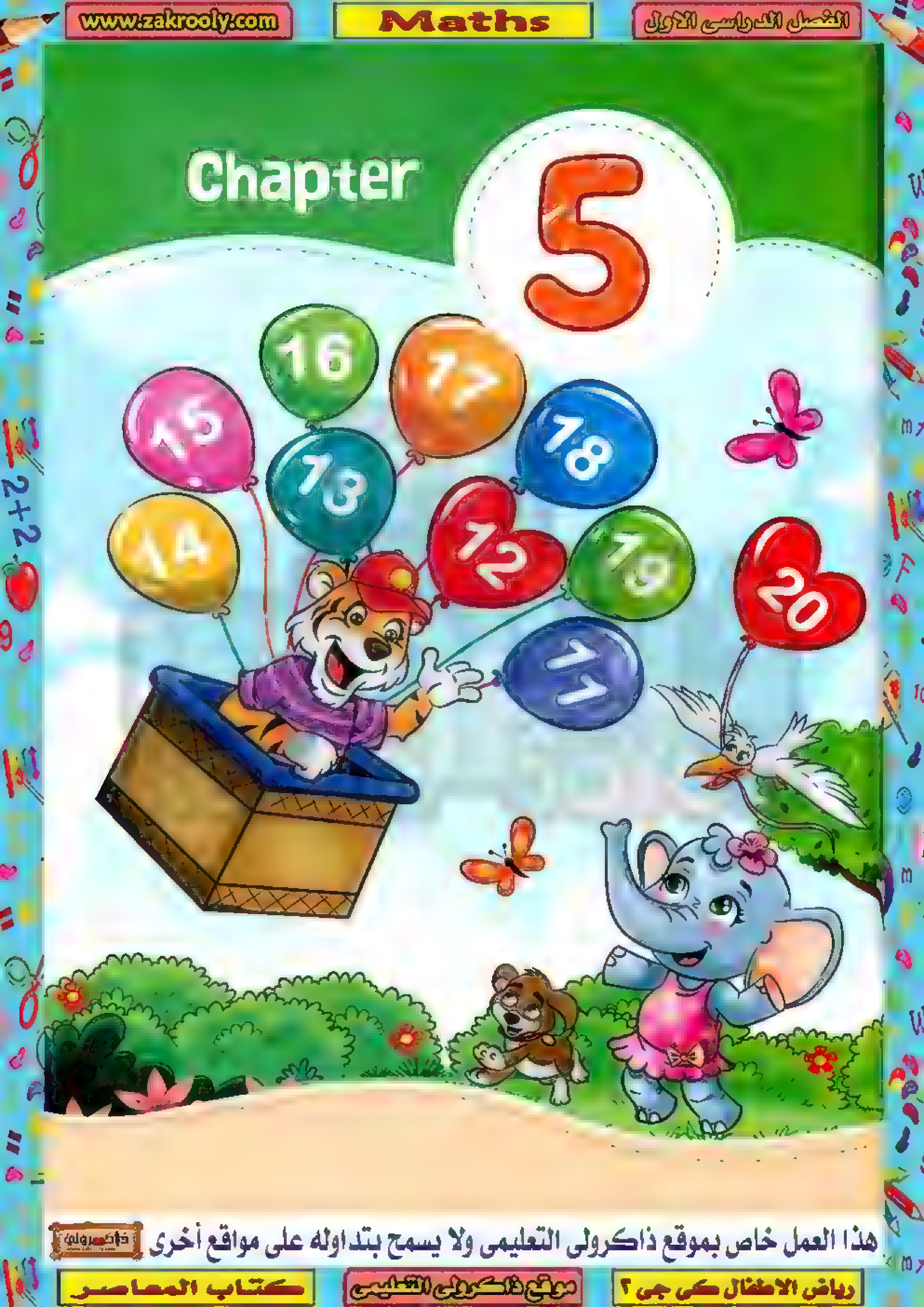
→ 0, 5

Remember writing 10

10

Place a smiley face

• Ask your child about the different ways to make 5.


Chapter
5
16
17
15
18
13
14
12
19
20
11



Counting up to 11

11

Eleven

10 and 1 more

Color 11 ✿. Circle 11 bees.

Notes for parents

• Ask your child to draw and count groups of 11 objects.

Color the amounts shown on the tags.



Remember one more & one less

Write the number that is 1 more and the number that is 1 less

___ 5 ___ ___ 8 ___

• Ask your child to create a card of 11 dots.

Place a smiley face


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Maths
الفصل الدراسى الاول
Lesson 42
Counting up to 12
12
Twelve
10 and 2 more
Color 12 . Circle 12 .
Ask your child to tell you a story related to number 12.
168
هذا العمل خاص بموقع ذاكرولى التعليمى ولا يسمح بتداوله على مواقع أخرى
كتاب المعاصر
موقع ذاكرولى التعليمى
رياض الاطفال كى جى ٢

Connect the dots from 1 to 12. What do you see ?



Remember one more & one less

Write the number that is 1 more and the number that is 1 less

____ 6 ____

____ 4 ____

• Ask your child to say each number loudly when he/she connect dot to dot.

Place a smiley face



Counting up to 13

13

Thirteen

10 and 3 more

Color 13 . Circle 13 .

parents

• Draw two 10 frames on a sheet of paper. Have your child show the number 13 using small objects such as buttons.

Color the picture.

10 brown | 11 green | yellow | 13 blue



- Make up number riddles such as "My number is 10 and 3 more".
- Have your child to show this number with objects.



More to do with numbers up to 10

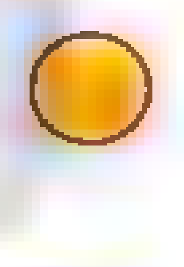
Color all dot cards according to each number.

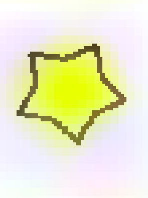
1
2
3
4
5
6
7
8
9
10

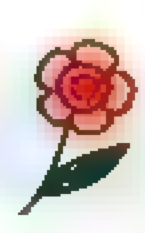
Note for parents

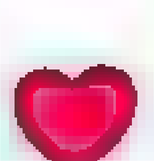
• Ask your child to create his/her own dot cards up to 10.

Count each object.
Write the number on each line.









• Invite your child to count different groups of objects .

Place a smiley face



Counting up to 14

14

Fourteen

10 and 4 more

Color 14 . Circle 14 .

• Draw two 10 – frames on a sheet of paper. Have your child to show the number 14 using beans.



Count. Color to match the number.

10

11

13

12

14

• Have your child use buttons to show the numbers, 10, 11, 12, 13 and 14.

Place a smiley face



Lesson 45

Counting up to 15

15

Fifteen

10 and 5 more

Color 15 . Circle 15 .

• Draw two 10 - frames on a sheet of paper. Have your child to show number 15 using buttons.

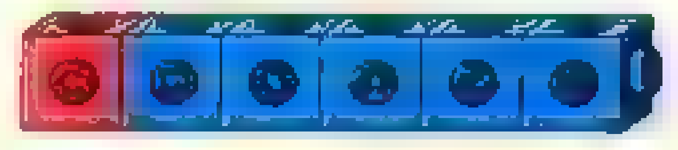
Connect the dots from 1 to 15. Color the picture.



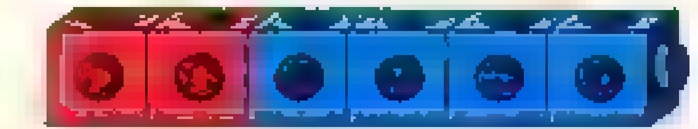


• Ask your child to count 1-15 in order loudly.

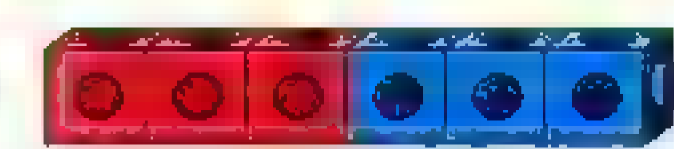
Ways to make 6



1 and 5 is 6



2 and 4 is 6



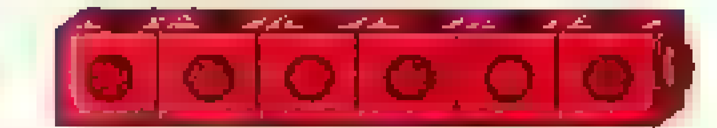
3 and 3 is 6



4 and 2 is 6



5 and 1 is 6



6 and 0 is 6



0 and 6 is 6

Join to make 6.





• Ask your child to use two kinds of objects to show ways to make 6.

Draw the missing items to make 6.
Complete the number bond.

6
2

6
4

6
3

6
6

6
5

• Ask your child to use his two hands and raise fingers to show ways to make 6.

Place a smiley face



Counting up to 16

16

Sixteen

10 and 6 more

Color 16. Circle 16.

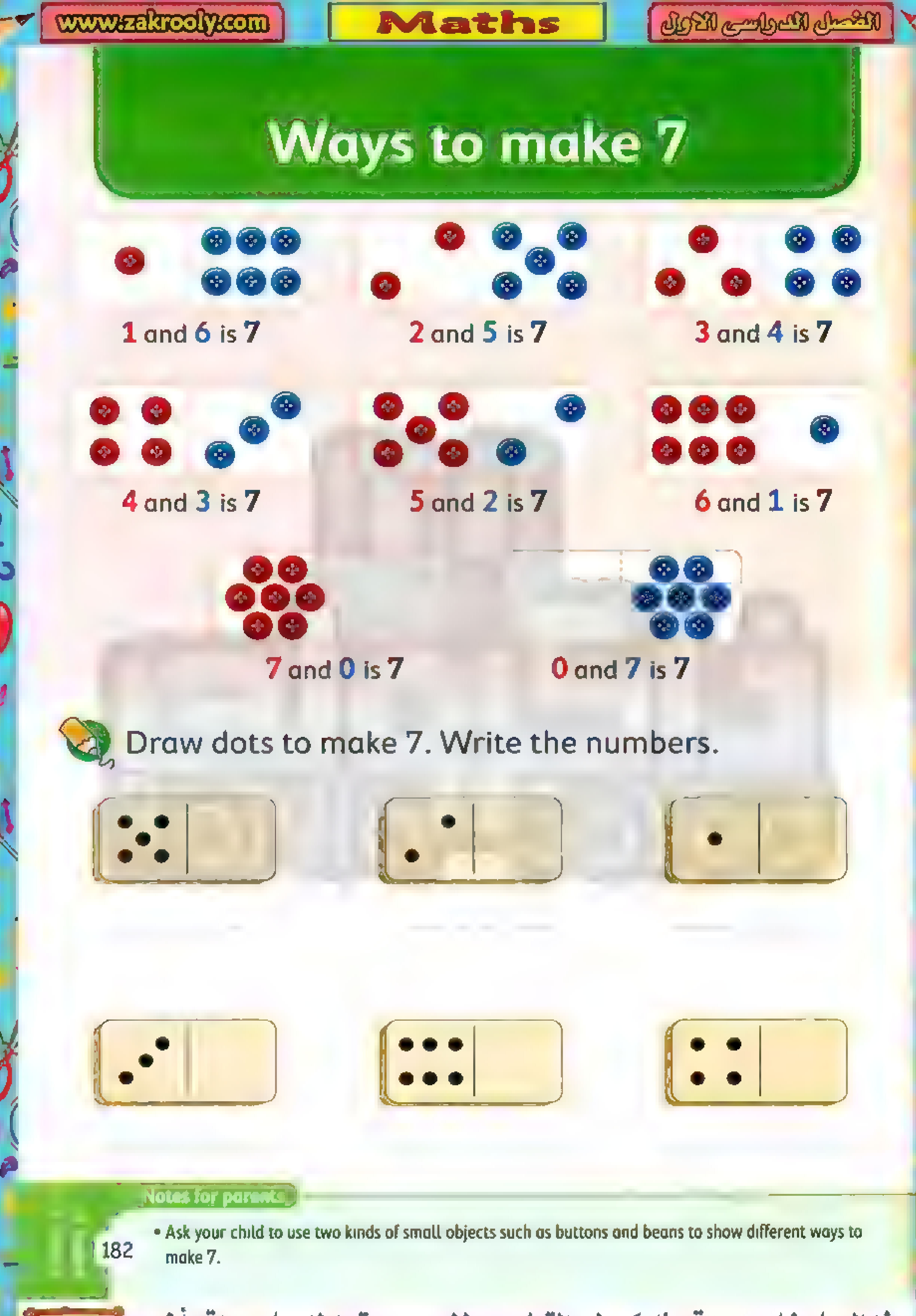
• Draw two 10-frames on a sheet of paper. Have your child to use small objects to show 16.

Trace the path of 16s to help the bear get to the honey.

13 13 13
16 16 16
16 14 16 11
11 16 15 14 16 11
15 16 14 15
16 12 13
16 11

• Ask your child to collect 16 buttons or 16 pieces of dry pasta.

Ways to make 7



Draw dots to make 7. Write the numbers.

Notes for parents

- Ask your child to use two kinds of small objects such as buttons and beans to show different ways to make 7.



Write the numbers. Complete the number bond.

7
3

7
4

7
2

7
6

• Say a number 0 to 7 and ask your child to say another number to make 7.

Place a smiley face

Lesson 47

Counting up to 17



Color 17 . Circle 17 .

• Draw two 10-frames on a sheet of paper. Have your child to use beans to show 17.

Count.
Color to match the number.

17

15

16

12

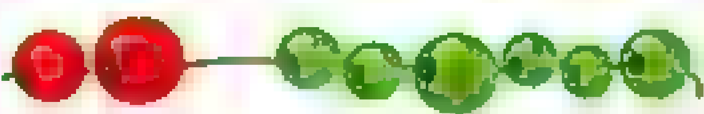
14

• Ask your child to count in order from 1 to 17.

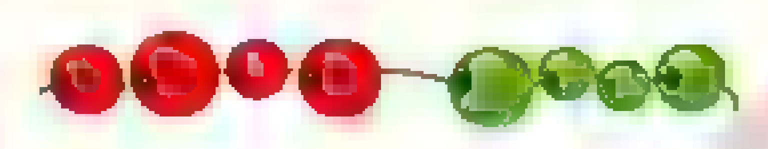


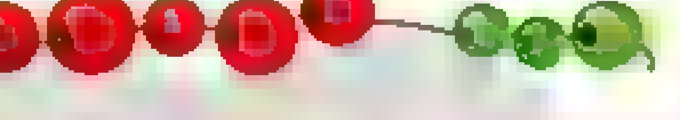
Ways to make 8


1 and 7 is 8

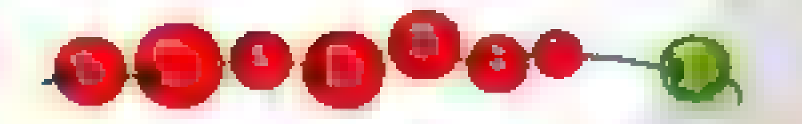

2 and 6 is 8

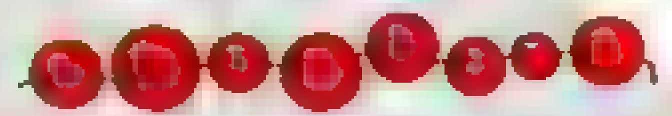

3 and 5 is 8


4 and 4 is 8


5 and 3 is 8


6 and 2 is 8


7 and 1 is 8


8 and 0 is 8

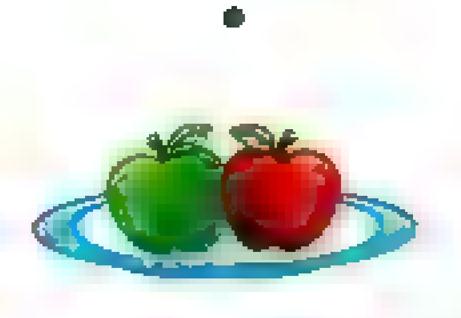

0 and 8 is 8


Join to make 8.





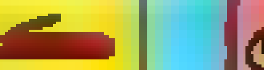








• Give your child a number card 0 to 8 and ask your child to give you another card to make 8.




Color in blue to make 8 colored eggs.
Complete the number bond.

8
3 5

8
6

8
4

8
7

8
2

8
5

• Ask your child to use small objects to show different ways to make 8.

Place a smiley face



Lesson 48

Counting up to 18

18

Eighteen

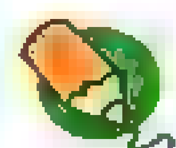
10 and 8 more

Color 18 . Circle 18 .

Notes for parents

188

• Arrange 10 objects in two rows of 5. Ask your child how many .Then add 8 more objects to the 10. Ask your child to tell how many.



Color the picture.

15 = | 16 = brown | 17 = orange | 18 = blue



Ways to make 9

1 and 8 is 9

2 and 7 is 9

3 and 6 is 9

4 and 5 is 9

5 and 4 is 9

6 and 3 is 9

7 and 2 is 9

8 and 1 is 9

9 and 0 is 9

0 and 9 is 9

Join to make 9.

- Ask your child to use two kinds of objects such as beans and buttons to show different ways to make 9.



Complete drawing to have 9. Complete the number bond.

9
3

9
5

9
2

9
4

9
6

• Ask your child to tell you some ways to make 9.

Lesson 49

Counting up to 19



19

Nineteen

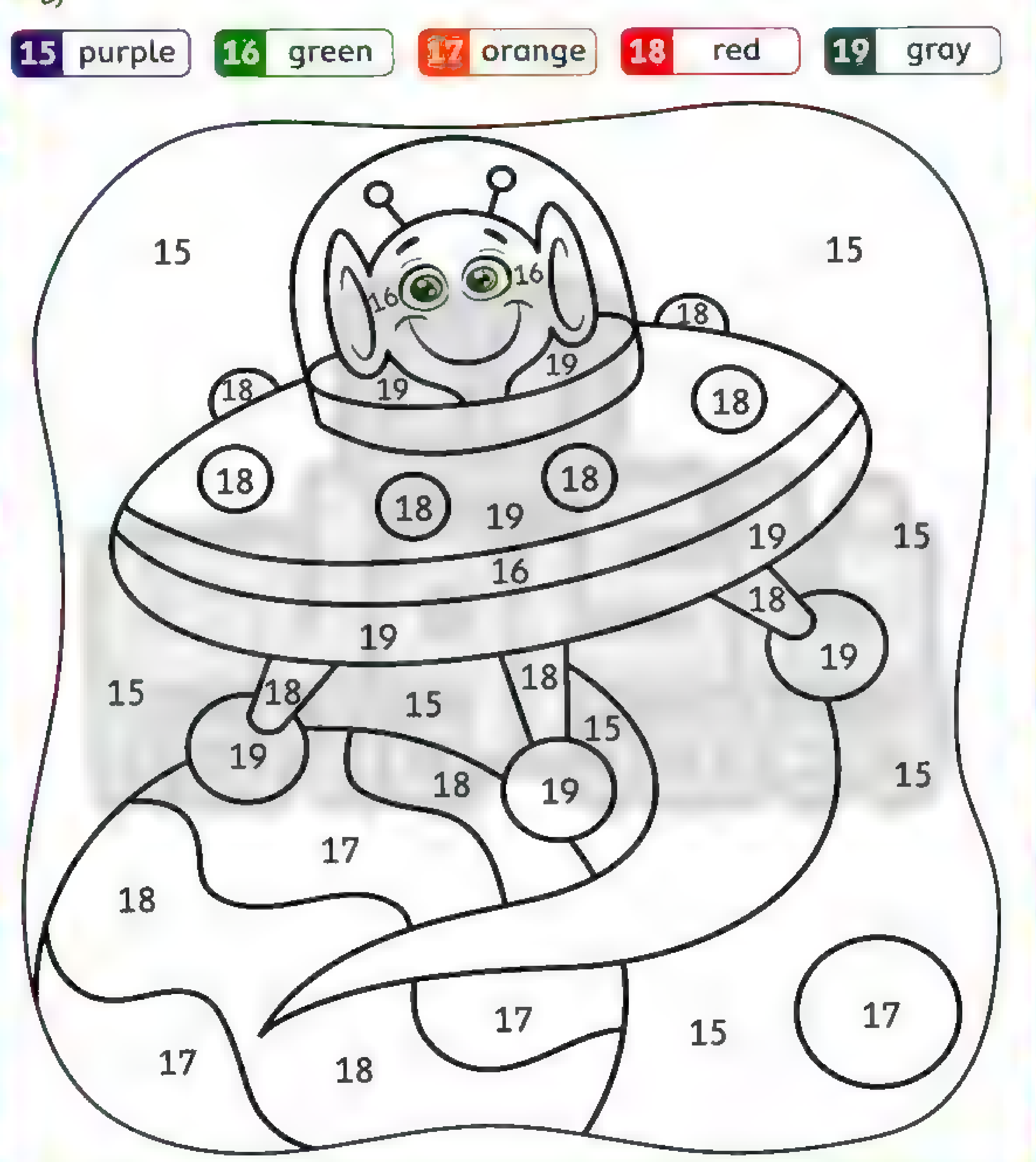
10 and 9 more

Color 19 . Circle 19 .

• Ask your child to find and count 19 different objects at home.

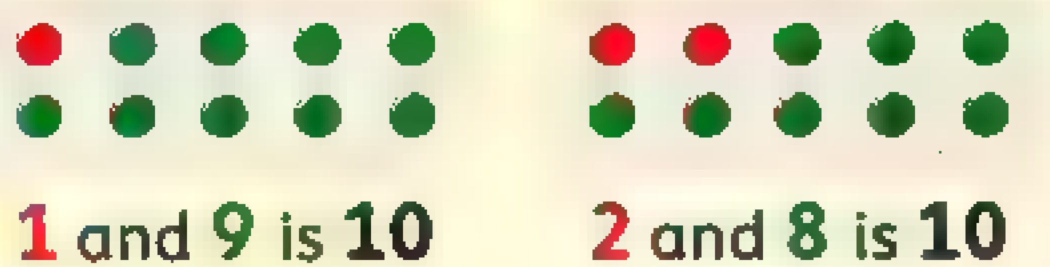
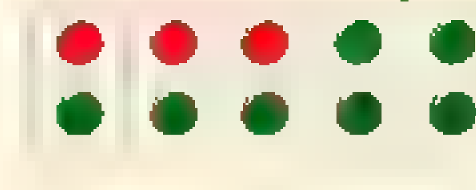
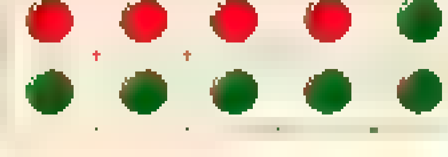
Color the picture.

15 purple	16 green	17 orange	18 red	19 gray



• Ask your child to tell you a story related to number 19.

Ways to make 10

1 and 9 is 10 2 and 8 is 10 3 and 7 is 10 4 and 6 is 10



5 and 5 is 10 6 and 4 is 10 7 and 3 is 10 8 and 2 is 10

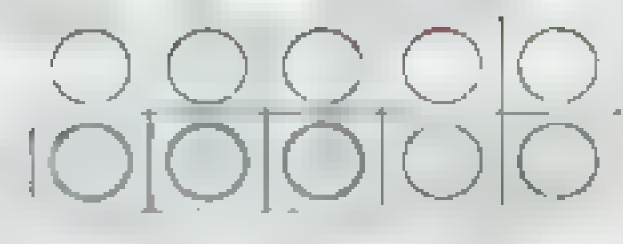


9 and 1 is 10 10 and 0 is 10 0 and 10 is 10

Use 2 colors to show ways to make 10.



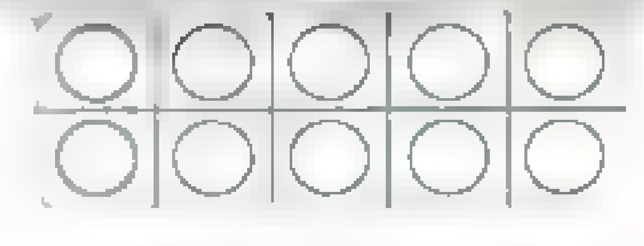
and is



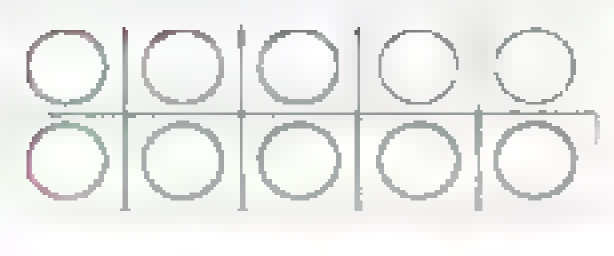
and is



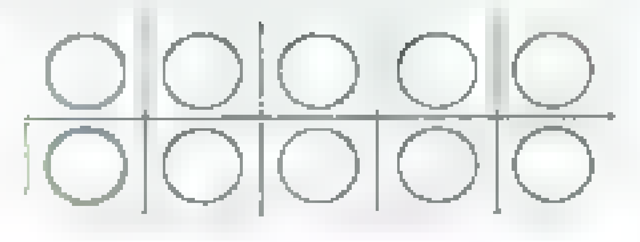
and is



and is



and is



and is

• Ask your child to use objects and show you different ways to make 10.

Draw dots to make 10. Complete the number bond.

10 → 6, 4

10 → 3

10 → 7

10 → 5

10 → 2

10 → 8

10 → 4

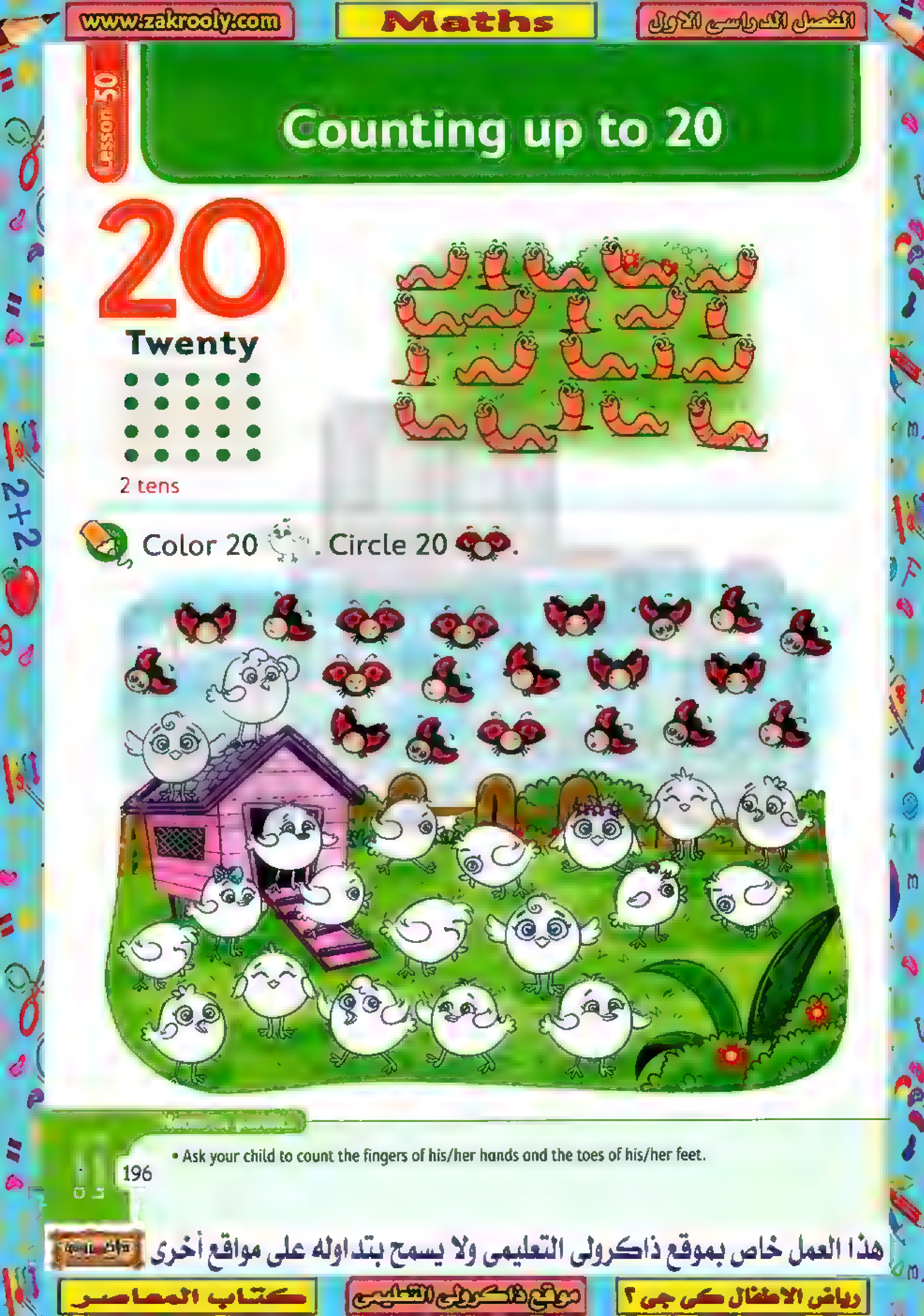
10 → 1

• Ask your child to use two kinds of objects, such as beans and coins, to demonstrate the different ways to make 10.

Place a smiley face

Lesson 50

Counting up to 20



Color 20 . Circle 20 .

• Ask your child to count the fingers of his/her hands and the toes of his/her feet.

Connect the dots from 1 to 20. Color the picture.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

• Ask your child to find the numbers 1-20 on signs and buildings.

Number bond review

Complete the number bonds as the example.



• In this page your child will review number bonds.

Complete the number bonds as the example.

5 → 2, 3

7 → 5, ___

10 → 5, ___

9 → 7, ___

6 → 4, ___

8 → 6, ___

7 → ___, 4

10 → ___, 0

5 → ___, 1

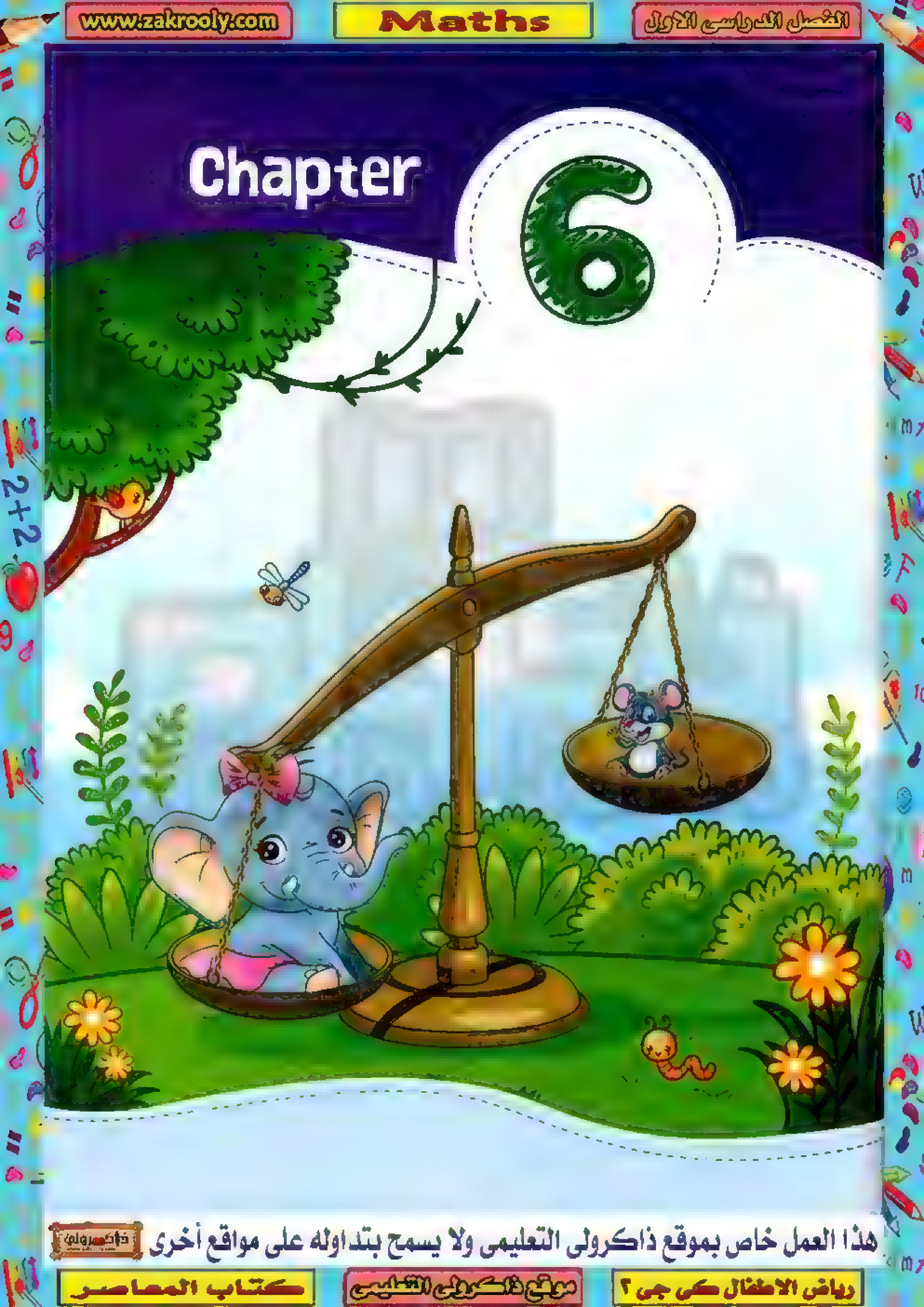
8 → ___, 4

9 → ___, 5

6 → ___, 5

• In this page let your child review number bonds.

Place a smiley face

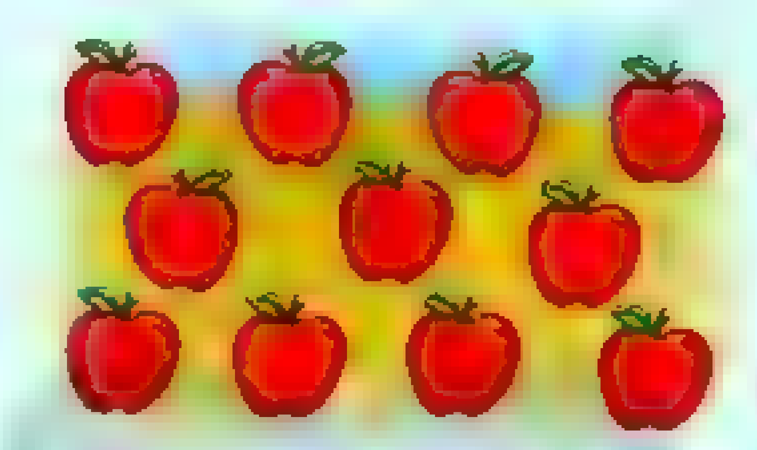

Chapter
6

Lesson 51

Writing number 11

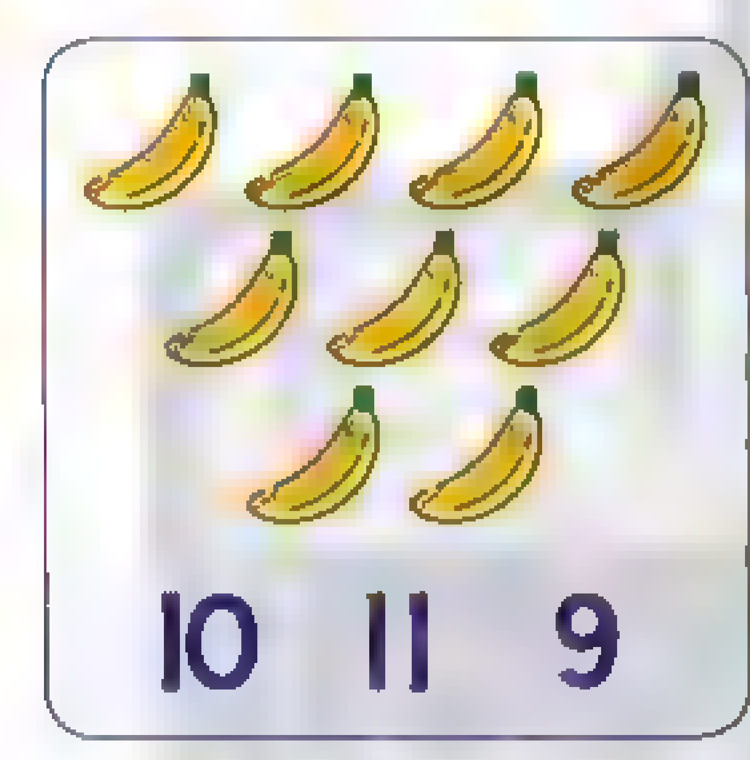


Count 11 🍎 s

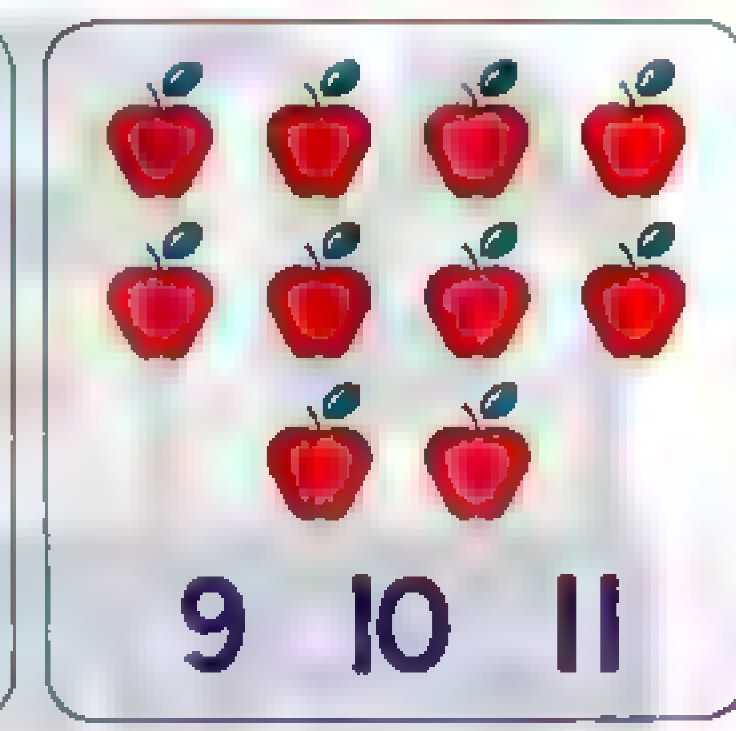


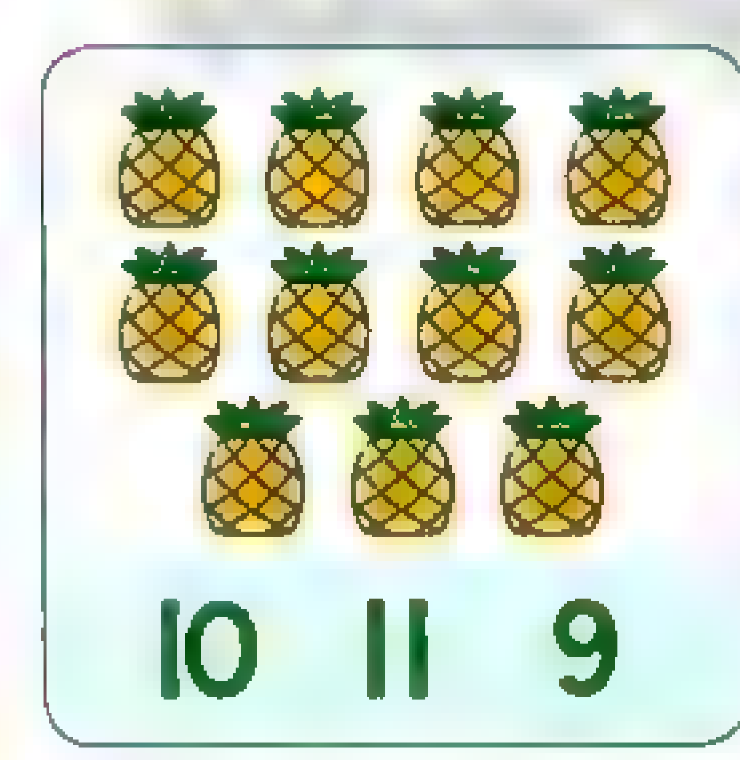
Stick number 11

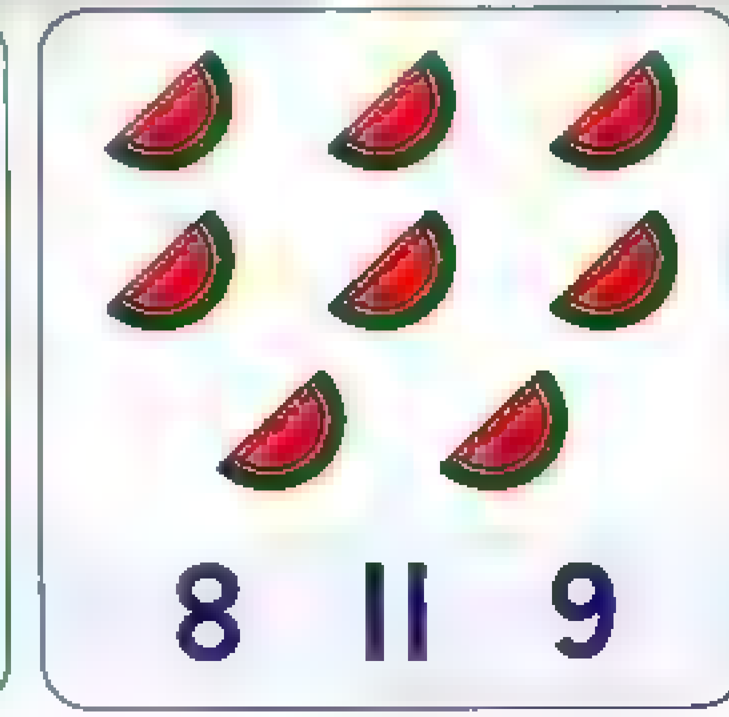

Count. Choose the correct answer.

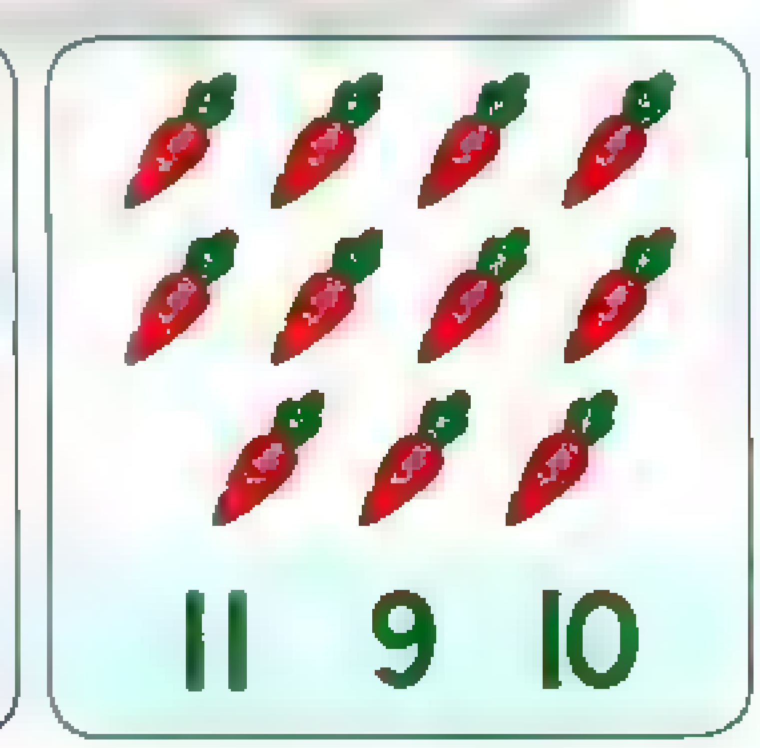

10 11 9


10 8 11


9 10 11


10 11 9

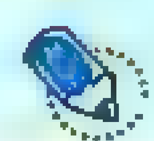

8 11 9


11 9 10

Notes for parents

• Ask your child to write the number 11 in the air.

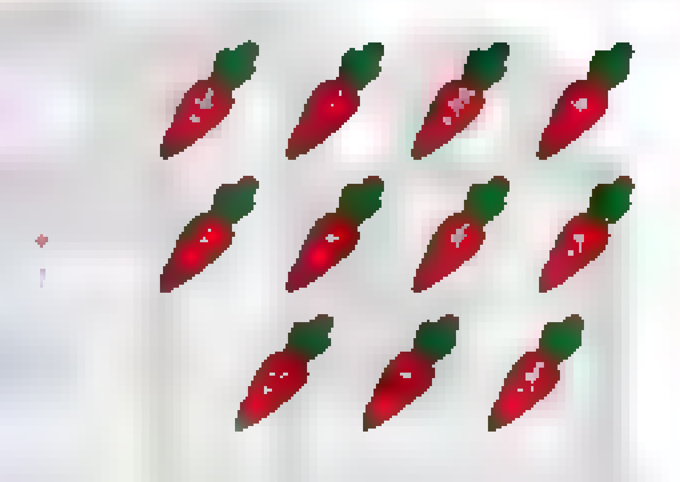


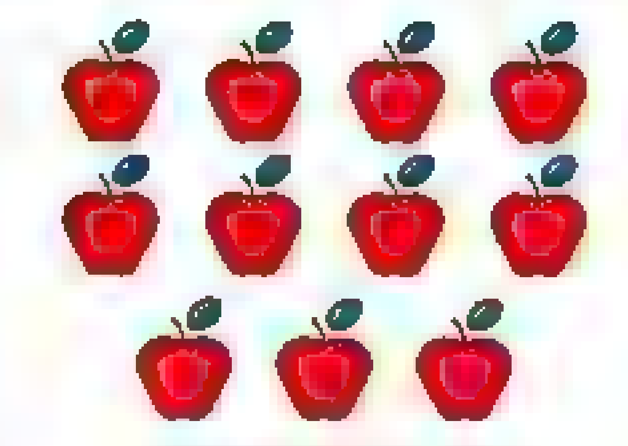

 Trace the number **11.**

 Write the number **11.**

 How many are there? Write the number.



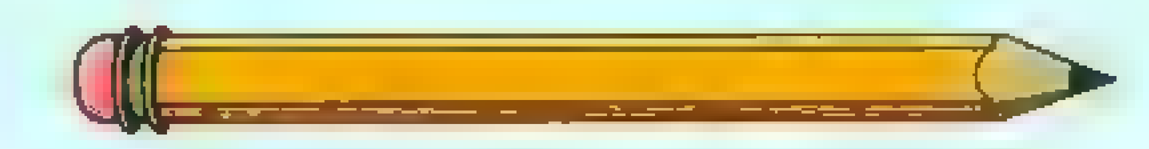



• Ask your child to create a dot card for number 11.

Shorter and longer





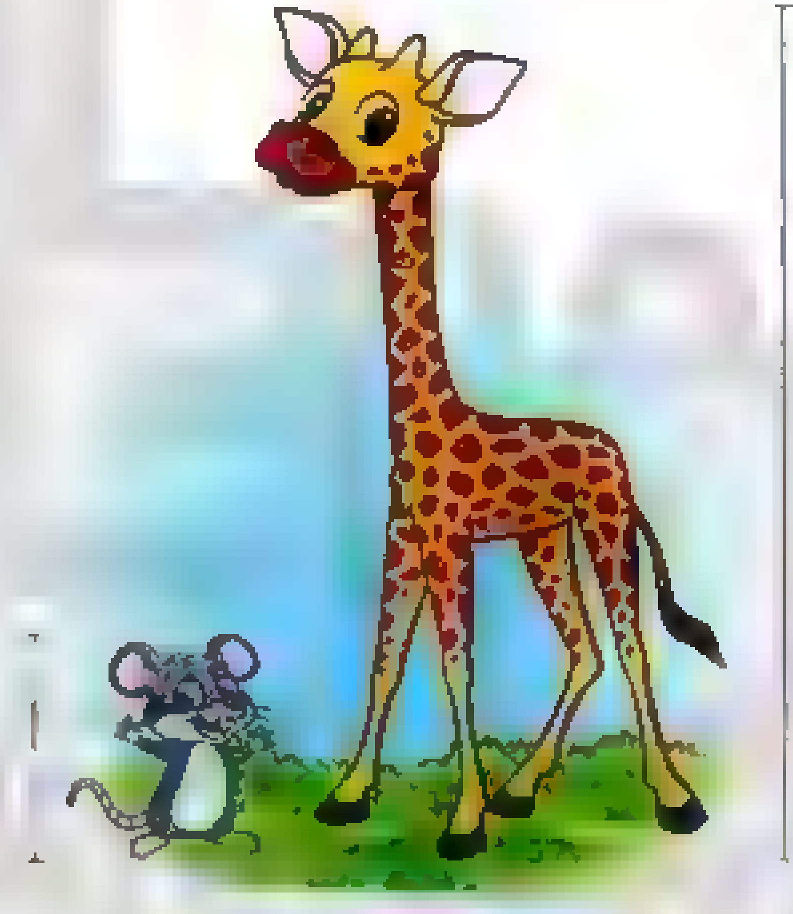
Shorter

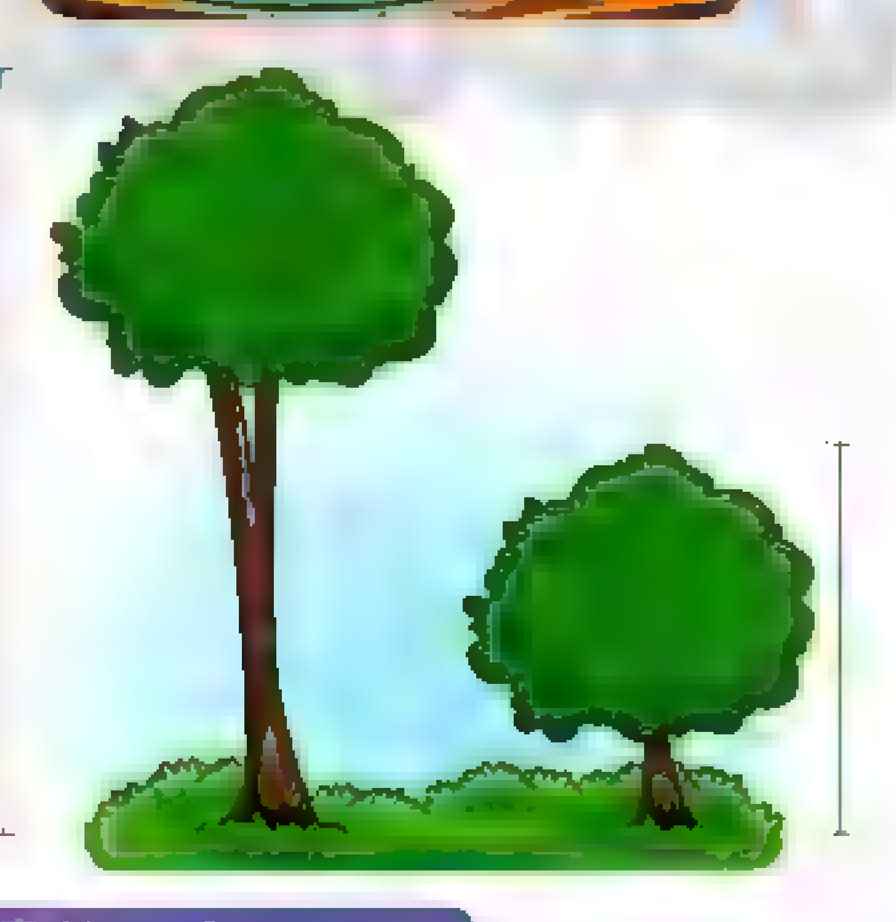


Longer

Look at the pictures in each group.
✓ the item that is short
✗ the item that is long.









Notes for parents

• Ask your child to use the words shorter and longer to compare between lengths.





Lesson 52

Writing number 12

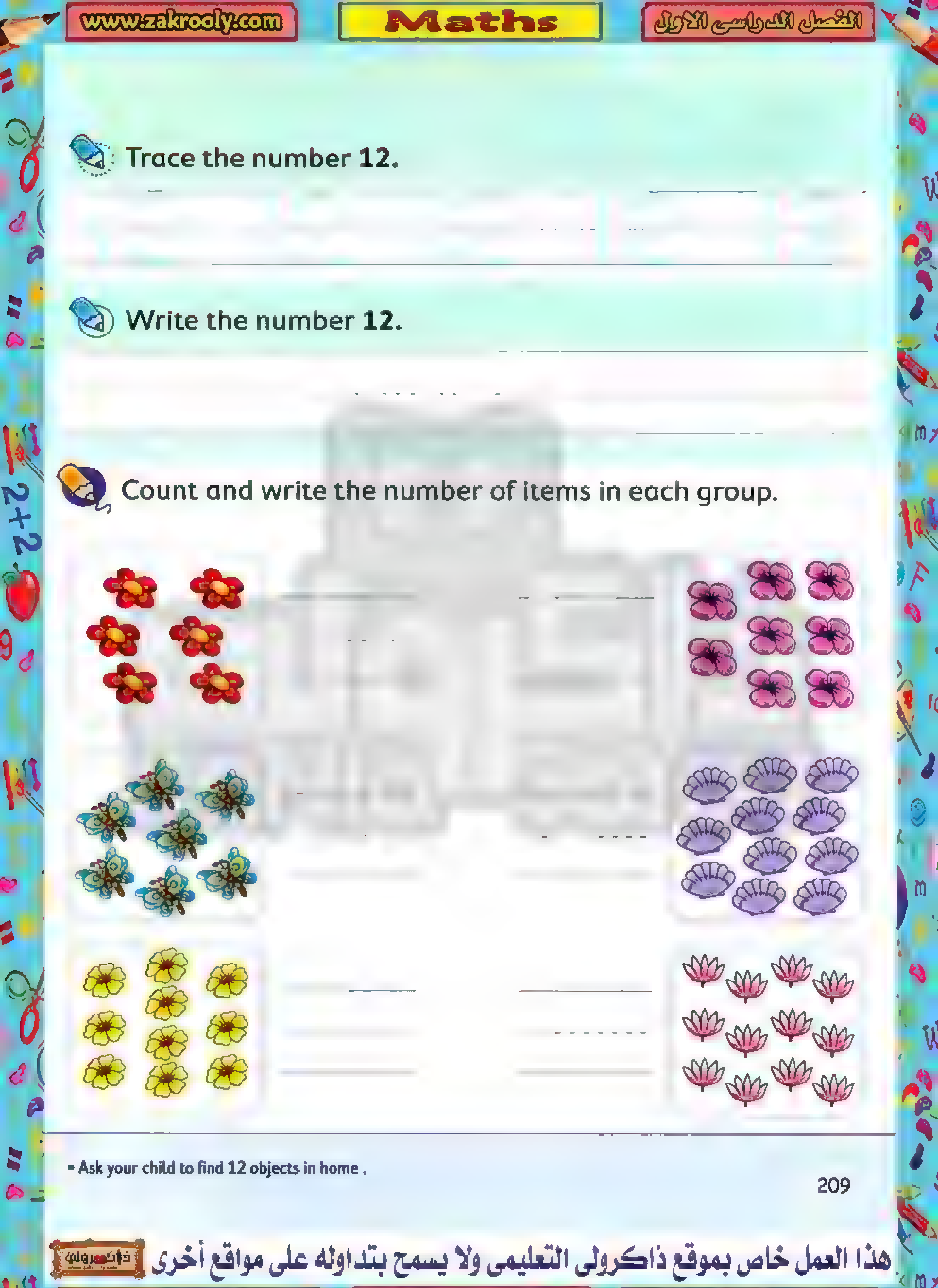


Count 12 s

Read the number. Draw the missing flowers.

Notes for parents

• Ask your child to draw 3 squares and count all sides and all corners for the 3 squares.



Trace the number 12.

Write the number 12.

Count and write the number of items in each group.

• Ask your child to find 12 objects in home .

Shortest and longest







Notes for parents

• Ask your child to find two objects one of them is shorter than his/her pencil and another one is longer than his/her pencil and use the words shortest and longest to compare among them.





Write 1, 2 and 3 to order the objects from the shortest to the longest as the example .



• Ask your child to find 4 objects are different in length and order them from the longest to the shortest .

Place a smiley face



Lesson 53

Writing number 13

Thirteen

13

Count 13 s

Stick number 13

Draw lines to match each group to the correct number.

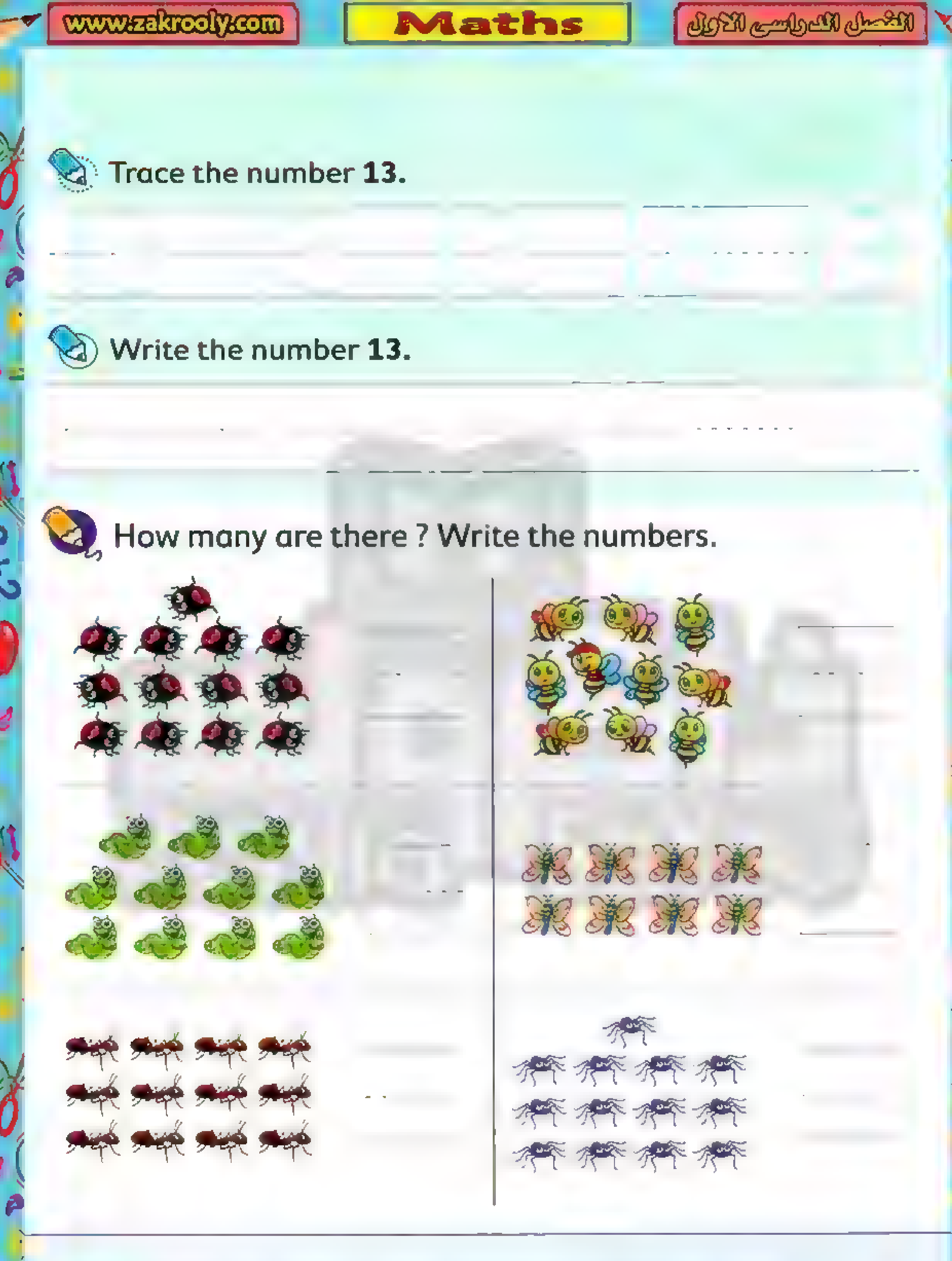
11

12

13

Notes for parents

• Ask your child to write a big 13 in a white paper and use glue and glitter to decorate it.



Trace the number **13.**

Write the number **13.**

How many are there ? Write the numbers.

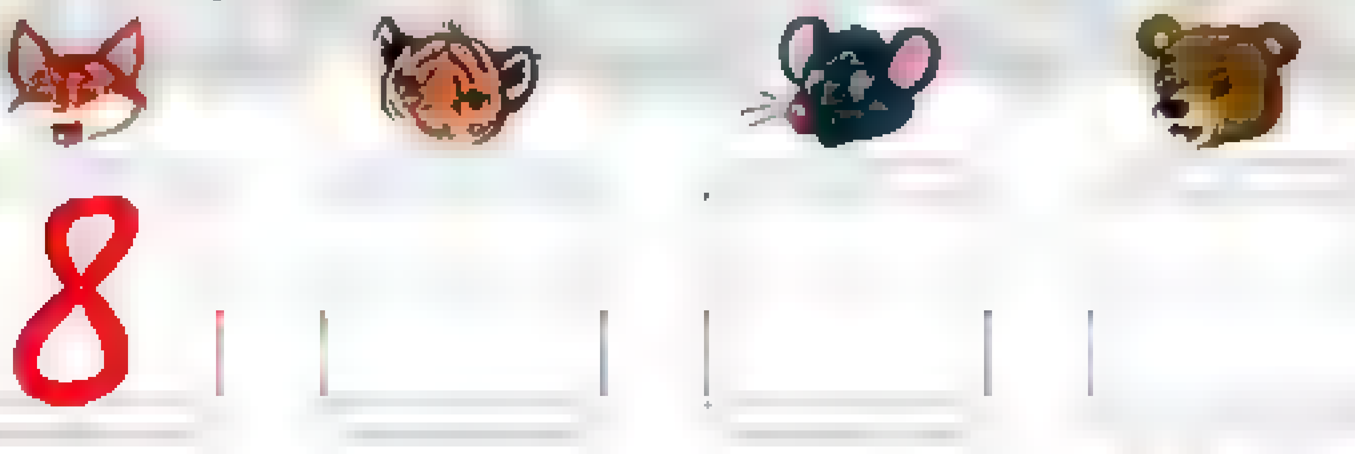
- Give your child small objects such as : dry pasta or dry beans and ask him/her to make 3 groups each group contains 13 items.

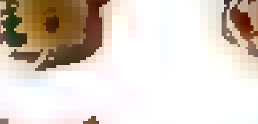
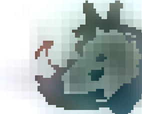
Picture graph

Use the graph to answer the questions.



- How many are there ? Write the numbers.



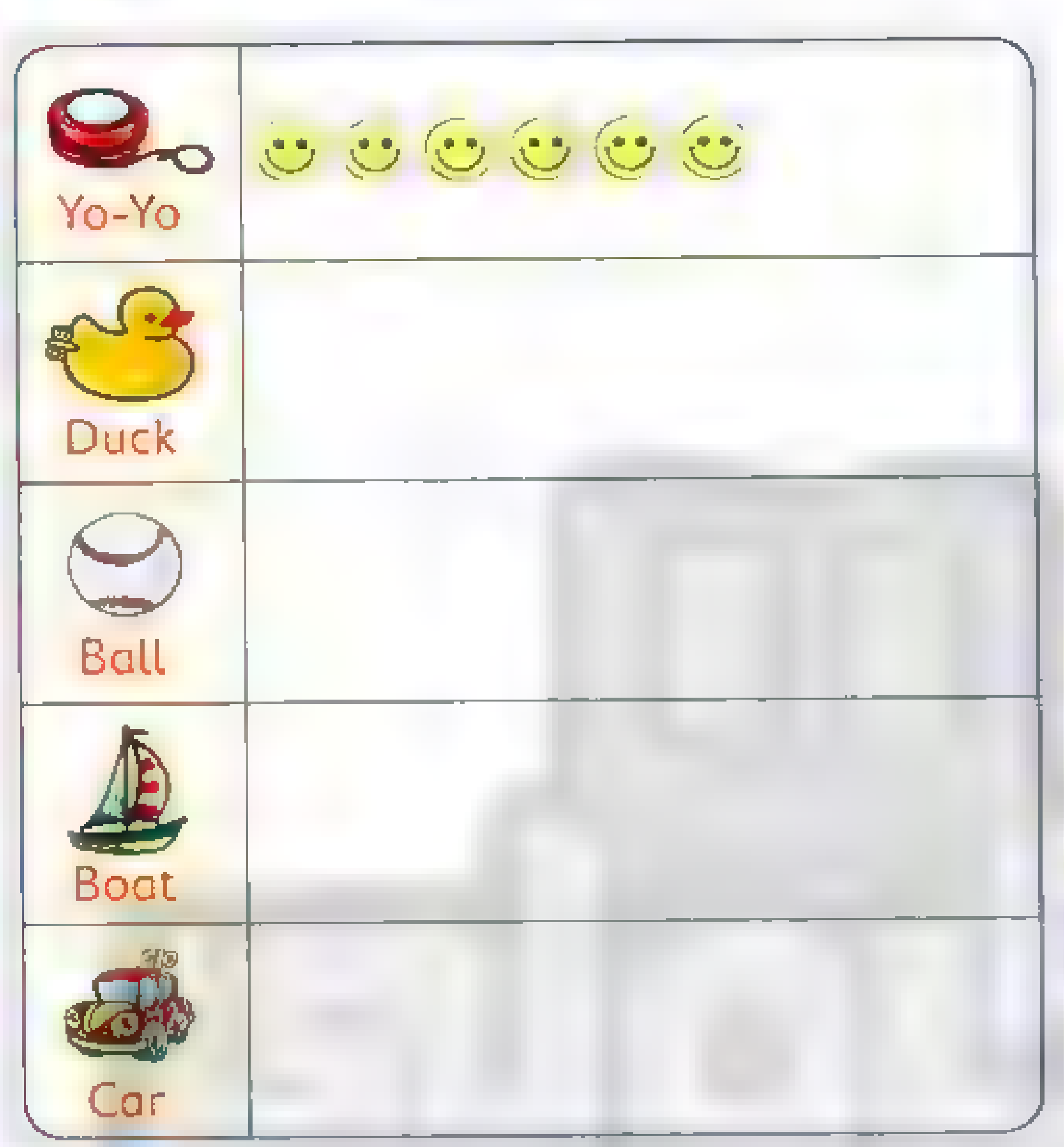
- Which animal is the most ?  
- Which animal is the least ?  
- Which animal reached 7 ?   

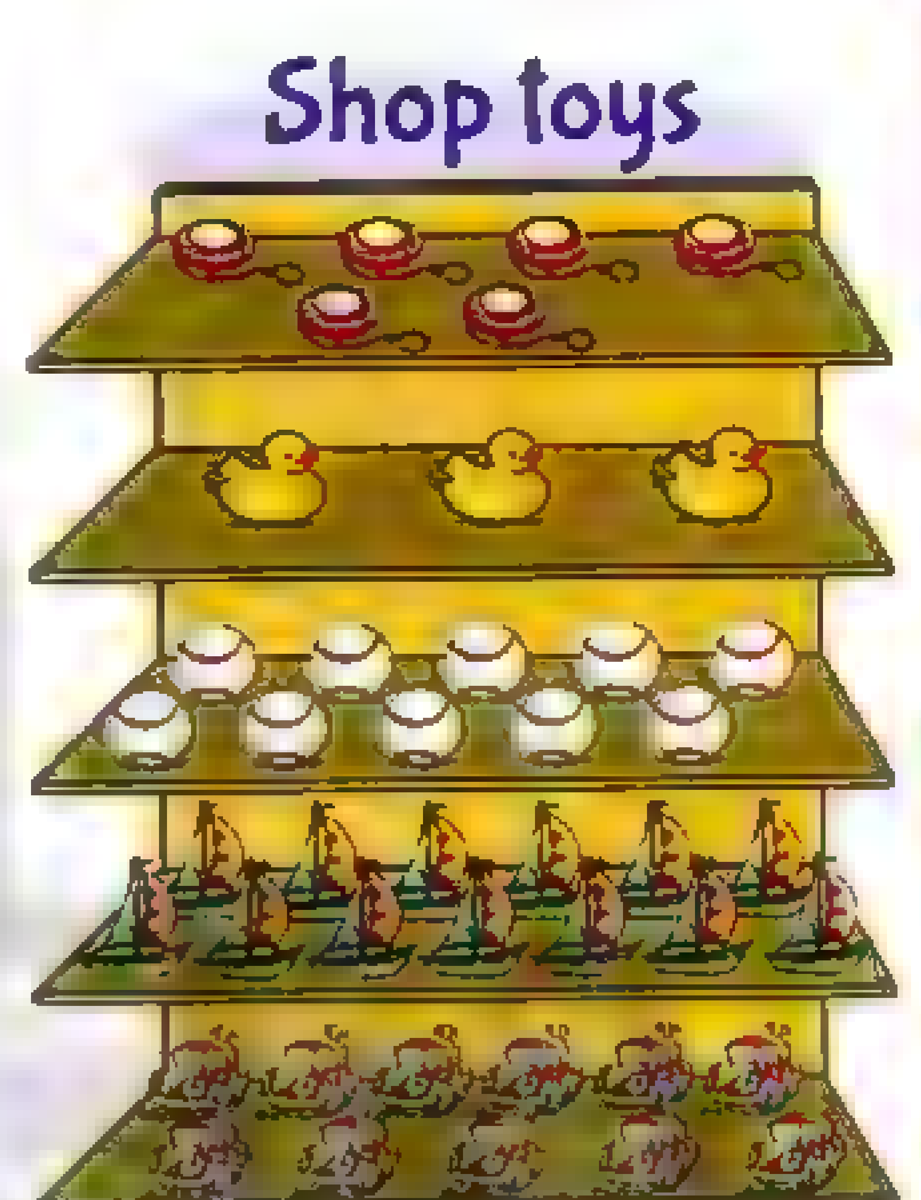
Notes for parents

- Help your child to recognize the picture graph and use it to answer the questions.

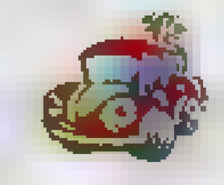


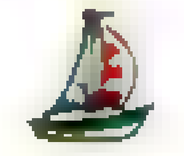
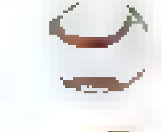
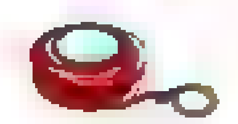
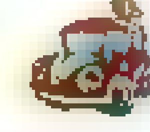
Draw ☺ to show numbers. Use the graph to answer the questions.





- How many are there ? Write the numbers.

- Which toy is the most ?   
- Which toy is the least ?   
- Which toy reached 10 ?   

• Help your child to complete the table of picture graph and answer the questions using the picture graph.

Place a smiley face

Lesson 54

Writing number 14

Fourteen

14

Count 14 s

Stick number 14

Draw a line from each group to the correct number.

10

11

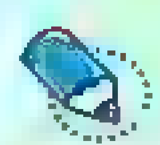
12

13

14

Notes for parents

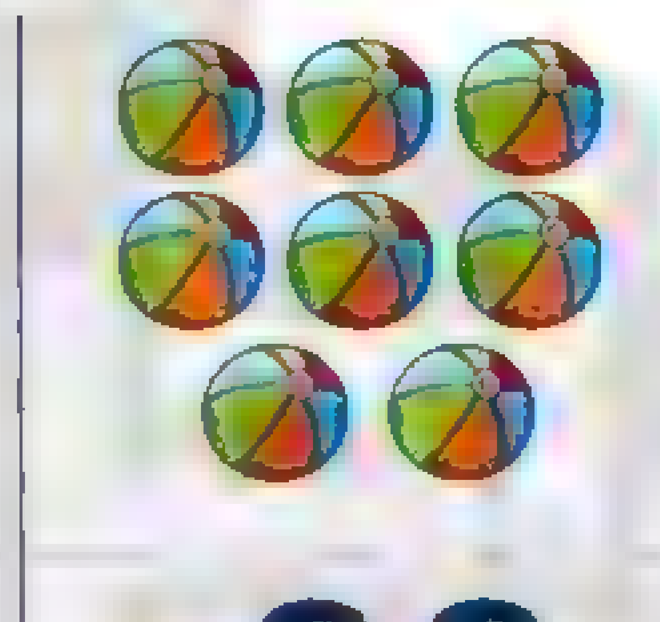
• Ask your child to find 14 objects in your home.

 Trace the number **14.**

 Write the number **14.**

 How many are there ? Write the numbers.







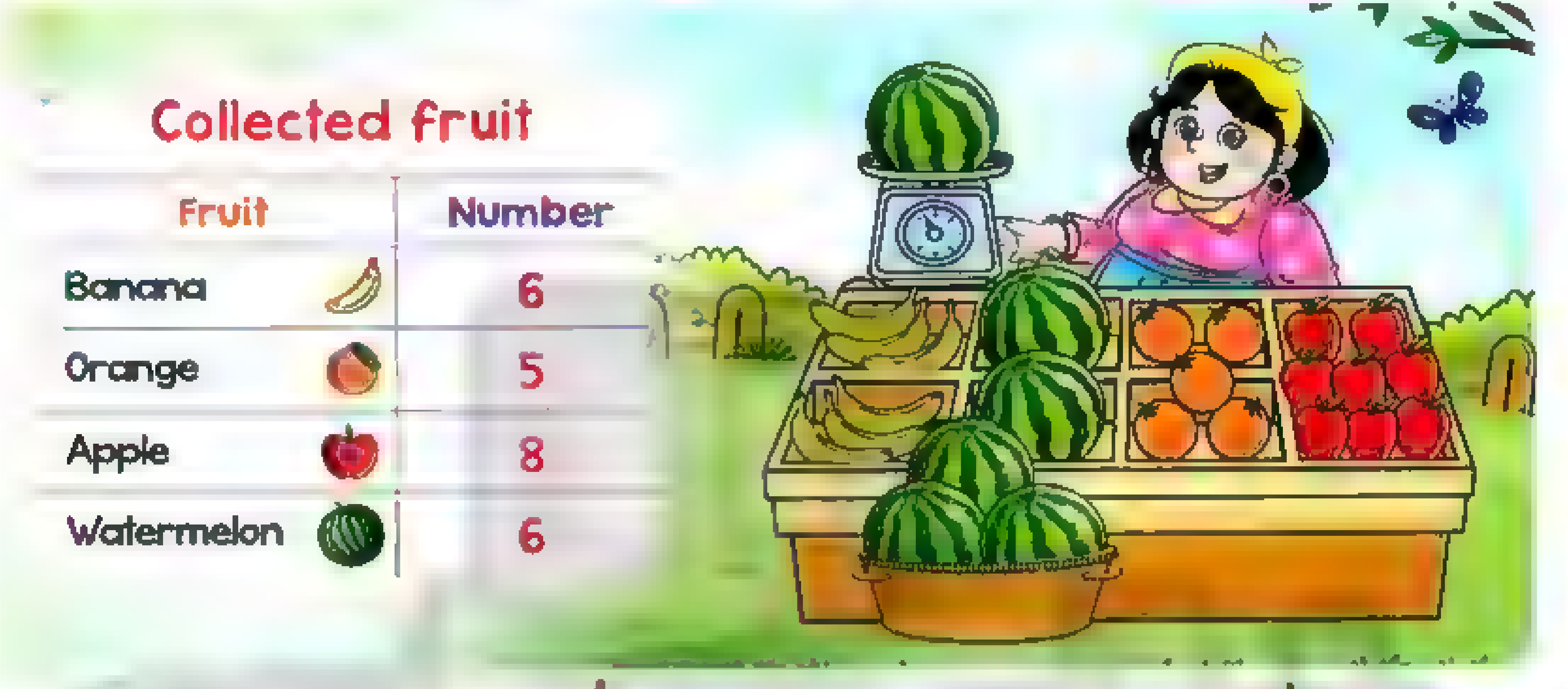




• Ask your child to draw 14 circles and write the numbers 1–14 inside the circles.

Comparing data

Look at the following table. Use the table to choose the correct answer.



Collected fruit

Fruit	Number
Banana	6
Orange	5
Apple	8
Watermelon	6

- The number of bananas is ____ the number of apples
  - ○ greater than ○ smaller than ○ equal to
- The number of oranges is ____ the number of watermelons
  - ○ greater than ○ smaller than ○ equal to
- The number of apples is ____ the number of oranges
  - ○ greater than ○ smaller than ○ equal to
- The number of bananas is ____ the number of watermelons
  - ○ greater than ○ smaller than ○ equal to
- Which fruit is the most ?
  - ○ (banana) ○ (orange) ○ (apple)
- Which fruit is the least ?
  - ○ (apple) ○ (watermelon) ○ (orange)

Notes for parents

- Help you child to read the table and use the words greater than, smaller than and equal to when comparing data.

Complete the following table. Use the table to choose the correct answer.

Buttons	
Color	Number
Blue	
Yellow	
Orange	
Green	
Red	

- The number of red buttons is ...... the number of orange buttons
  - ○ greater than ○ smaller than ○ equal to
- The number of yellow buttons is ...... the number of green buttons
  - ○ greater than ○ smaller than ○ equal to
- The number of blue buttons is ...... the number of orange buttons
  - ○ greater than ○ smaller than ○ equal to
- The number of green buttons is ...... the number of red buttons
  - ○ greater than ○ smaller than ○ equal to
- Which color has the greatest number of buttons ?
  - ○ ○ ○
- Which color has the smallest number of buttons ?
  - ○ ○ ○

Place a smiley face

- Practice your child to use the words "greater - smaller - equal - greatest - smallest" when comparing data.





Lesson 55

Writing number 15



Count each group. Choose the correct number.

Note for parents
• Give your child small objects such as dry pasta and ask him/her to make groups of 15 objects.

Trace the number **15.**

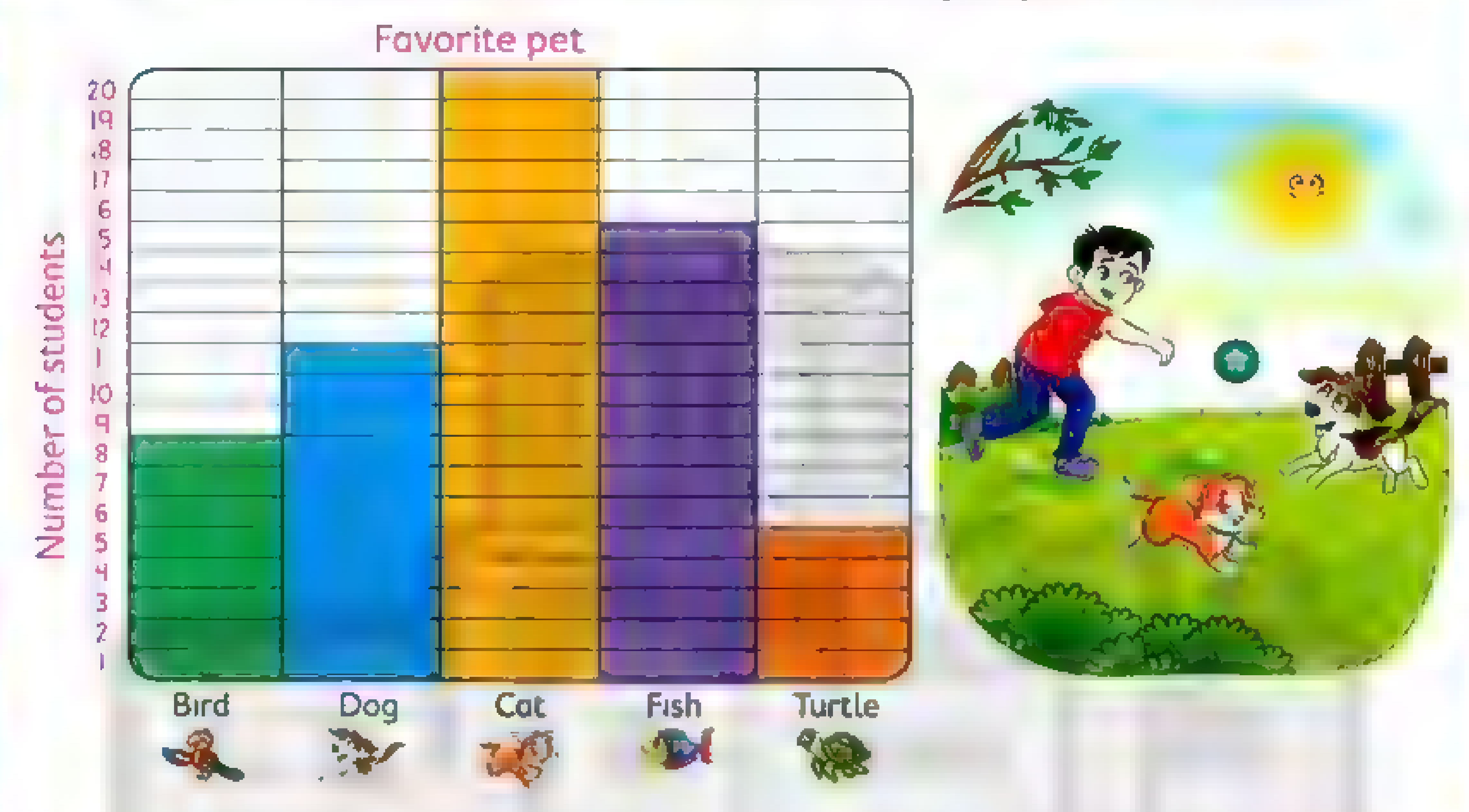
Write the number **15.**

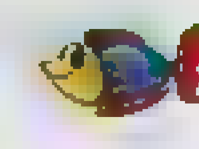
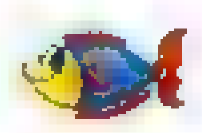
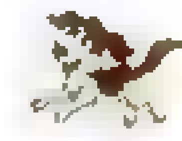
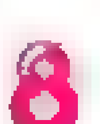
Count. Write the number in the box.

- Ask your child to draw 5 triangles and ask him/her to write the numbers 1-15 beside each side in all triangles .

Bar graph

The following graph shows how many students own pets in their homes. Use the bar graph to choose.



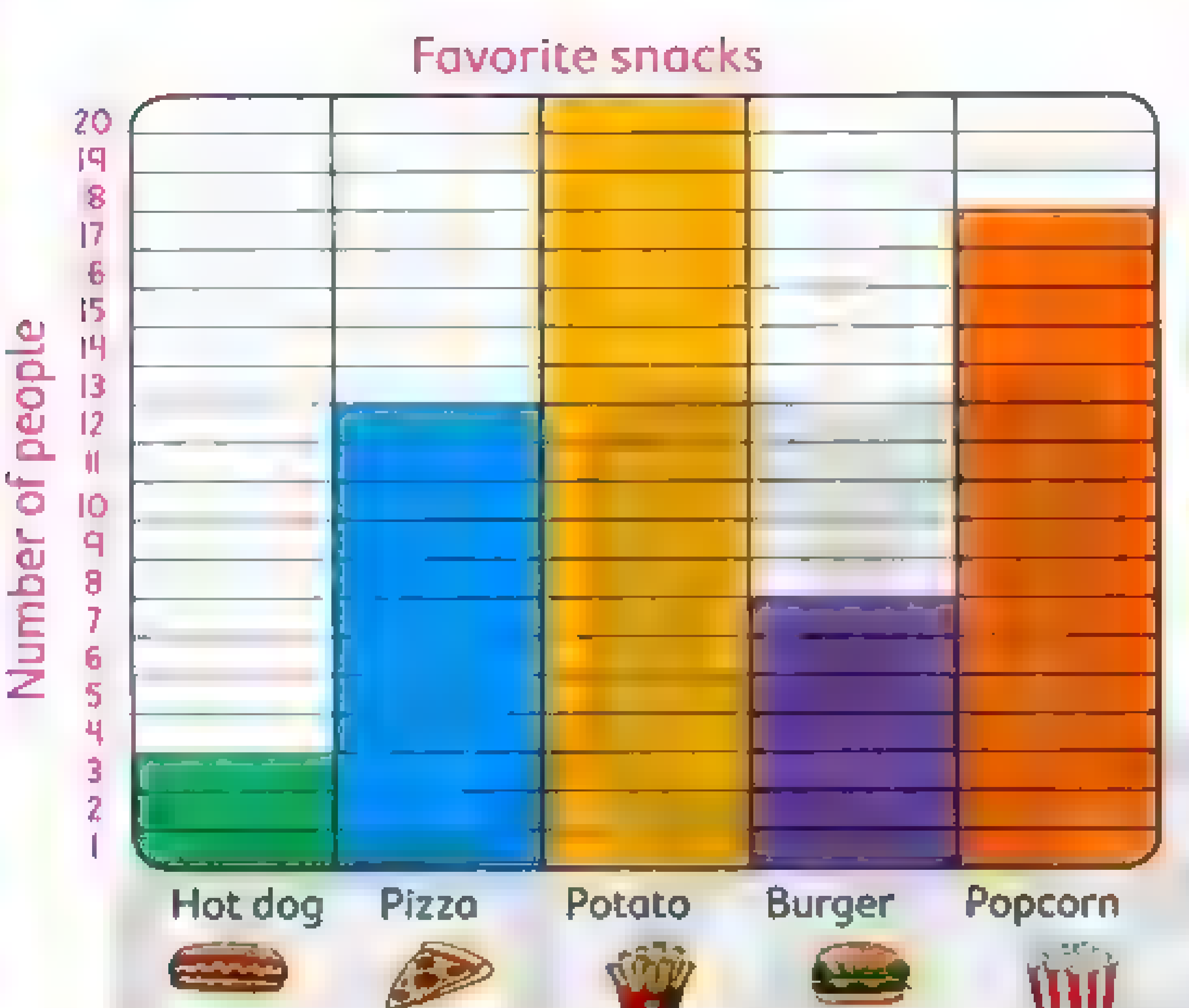
- Which pet is the most ? 
- Which pet is the least ?  
- Which pet is greater ?  
- Which pet is smaller ?  
- How many students own dogs  ? 15 11
- How many students own birds  ? 8 20

Note for parents

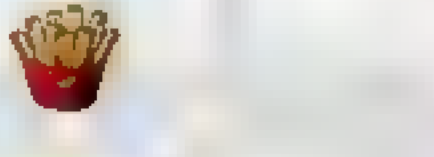
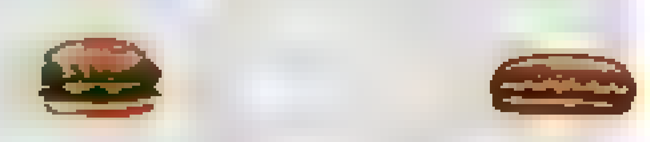
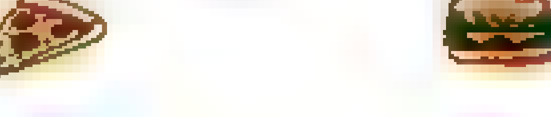
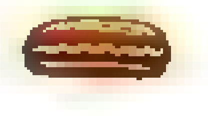
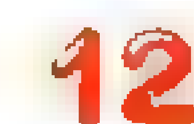
- Help your child to read and compare the data in the bar graph.



The following graph shows how many snacks has been sold. Use the bar graph to choose.





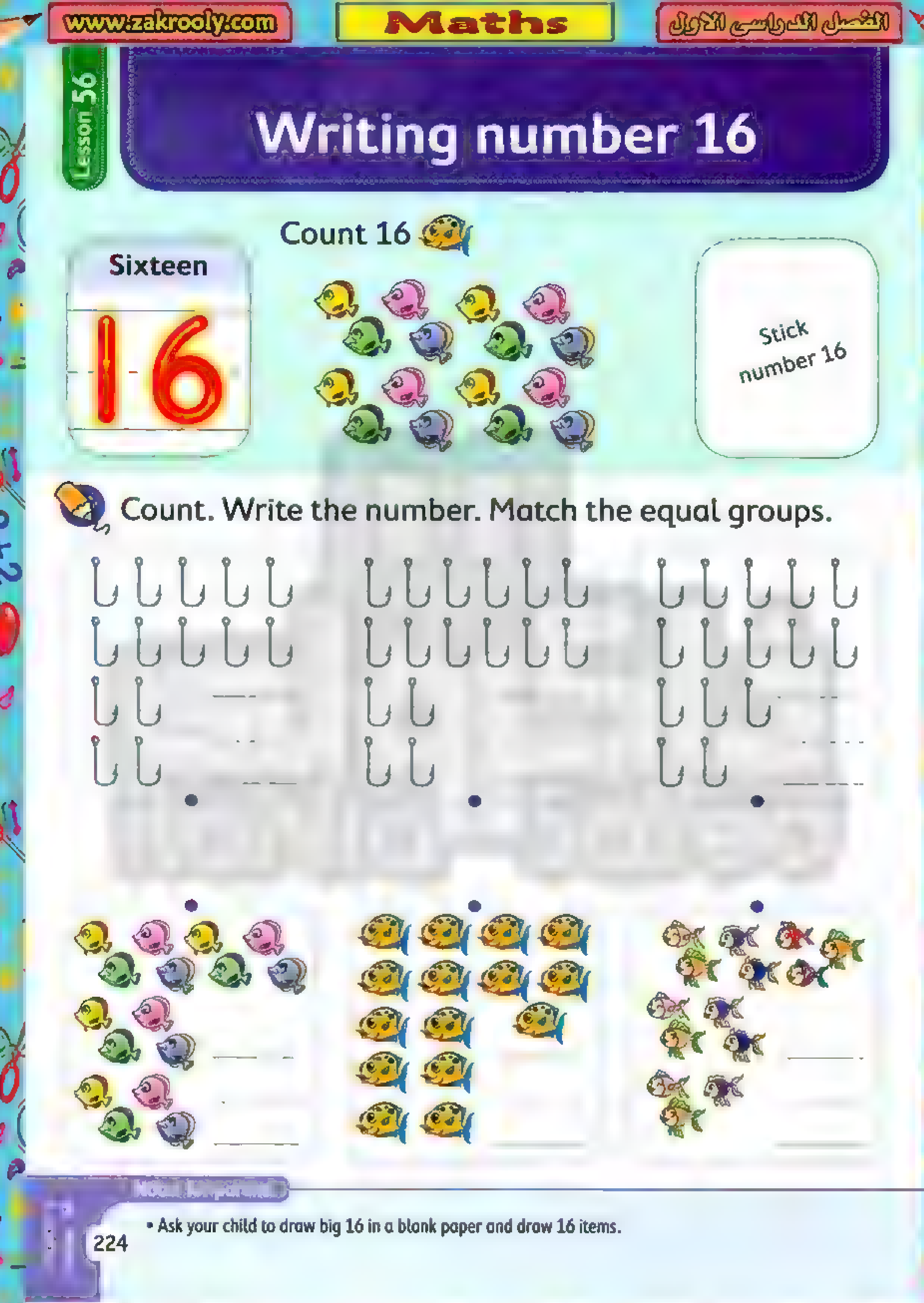
- Which snack is liked the most ? 
- Which snack is liked the least ? 
- Which snack is greater ?  
- Which snack is smaller ? 
- How many people bought pizza ? 11 12
- How many people bought popcorn  ? 17 20

• Ask your child to tell you how many snacks in each column and compare between them.

Place a smiley face

Lesson 56

Writing number 16



Sixteen

16

Count 16

Stick number 16

Count. Write the number. Match the equal groups.

Note Important

- Ask your child to draw big 16 in a blank paper and draw 16 items.

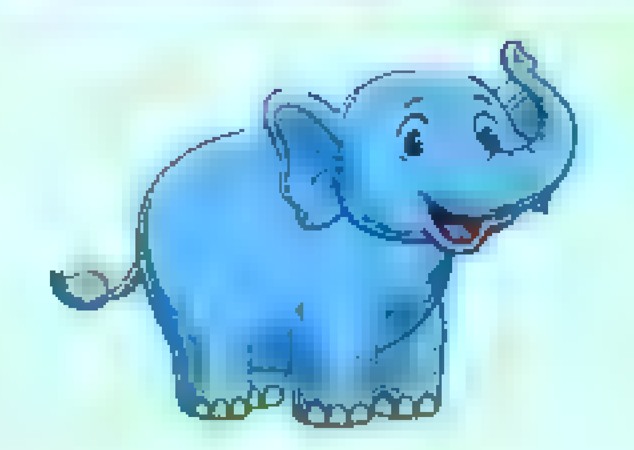
Trace the number **16.**

Write the number **16.**

Count . Write the correct number.

* Ask your child to write the numbers 0-16 two times.

Heavier and lighter

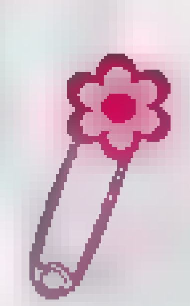


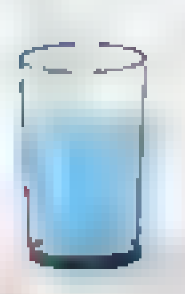


Elephant is heavier than cat

Mouse is lighter than cat


Circle the object that is heavier than the first one.

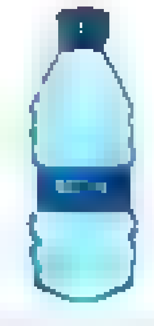



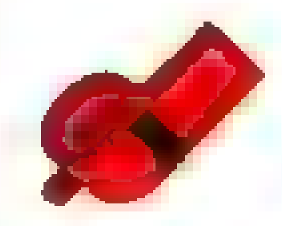
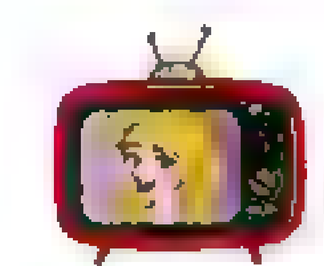
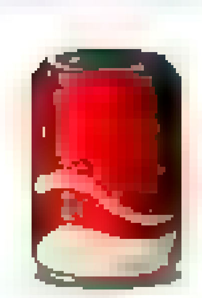



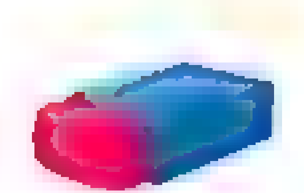




Circle the object that is lighter than the first one.



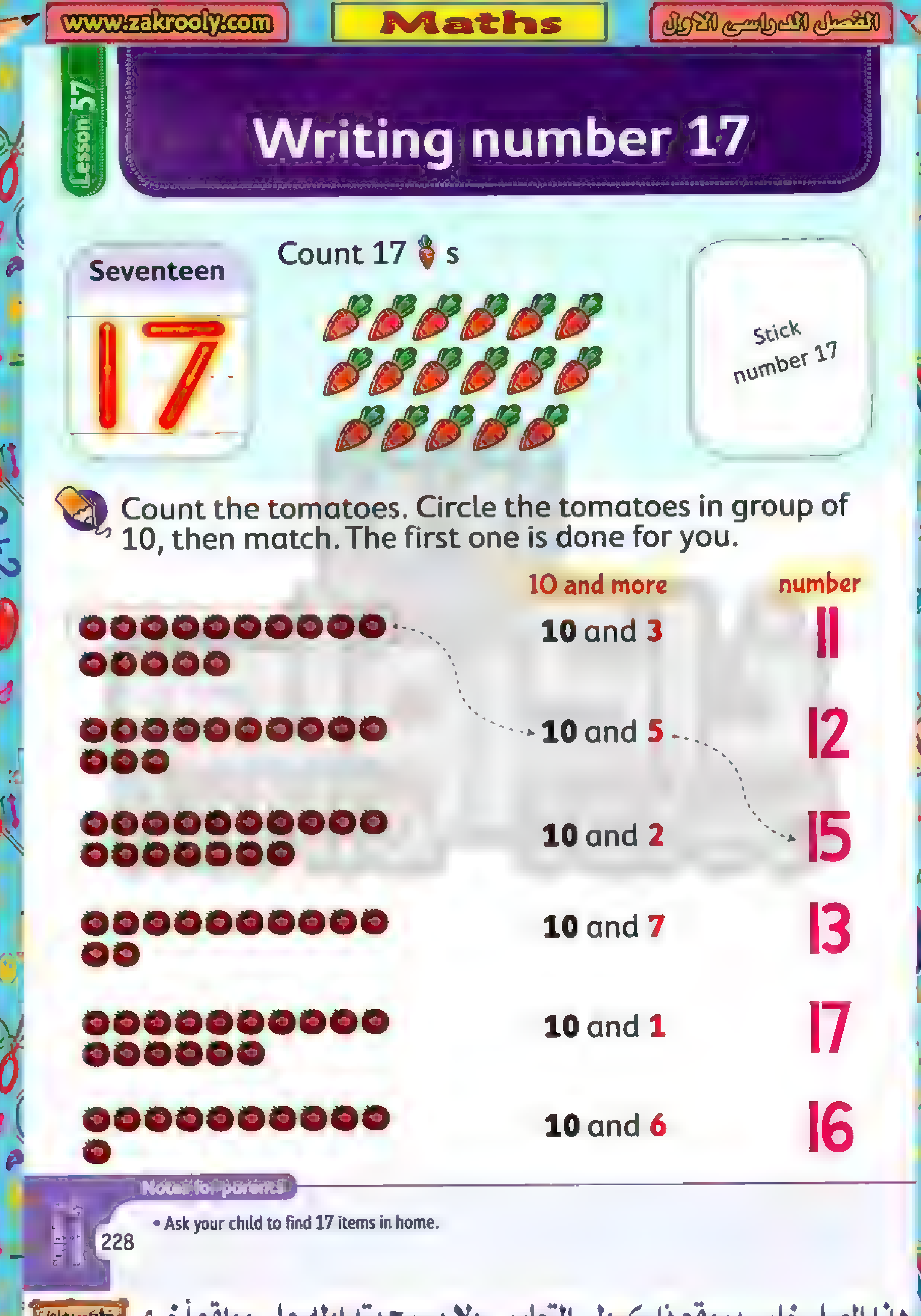
Notes for parents

- Give your child different items are not the same weight and ask him/her to compare their weights using the words heavier or lighter.



Lesson 57

Writing number 17

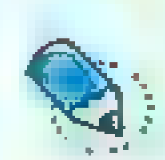


Count the tomatoes. Circle the tomatoes in group of 10, then match. The first one is done for you.

10 and more	number
10 and 3	11
10 and 5	12
10 and 2	15
10 and 7	13
10 and 1	17
10 and 6	16

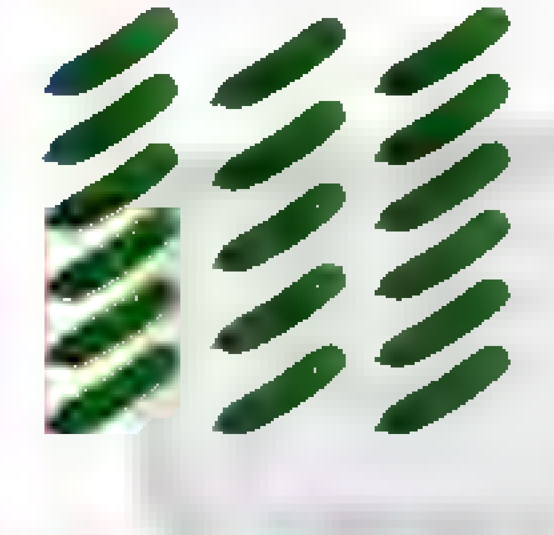
Notes for parents

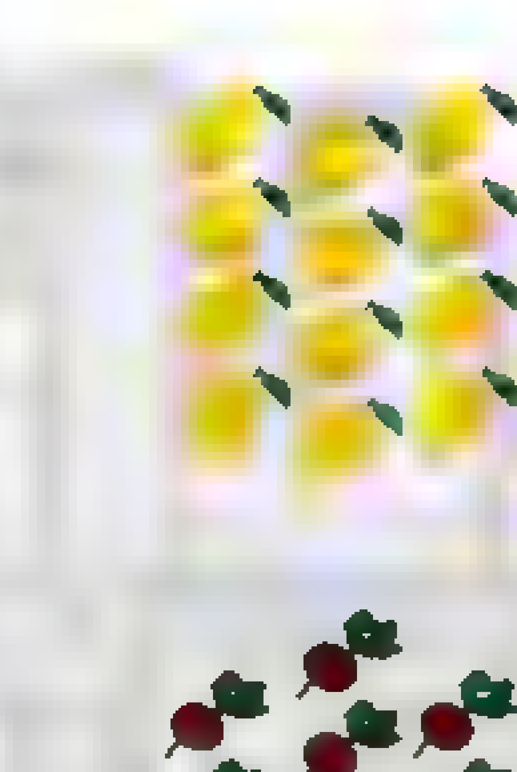
• Ask your child to find 17 items in home.

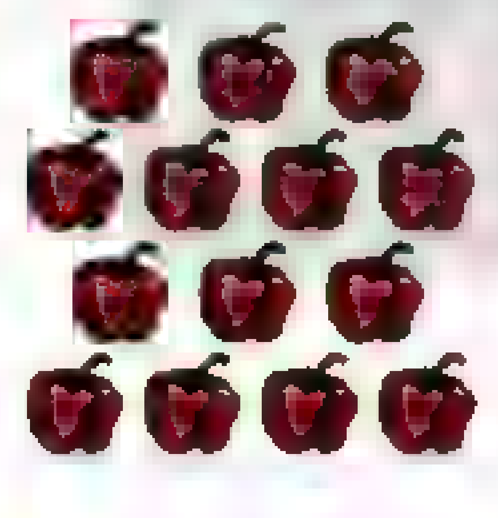
 Trace the number **17.**

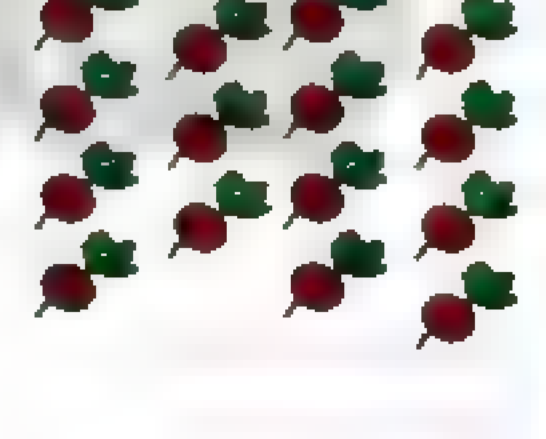
 Write the number **17.**

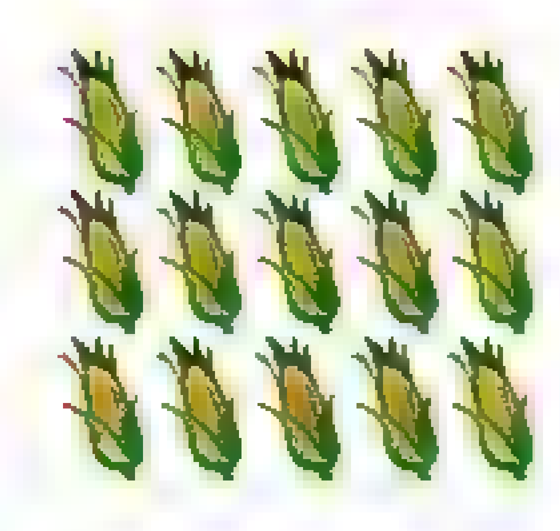
 Count. Write the numbers.

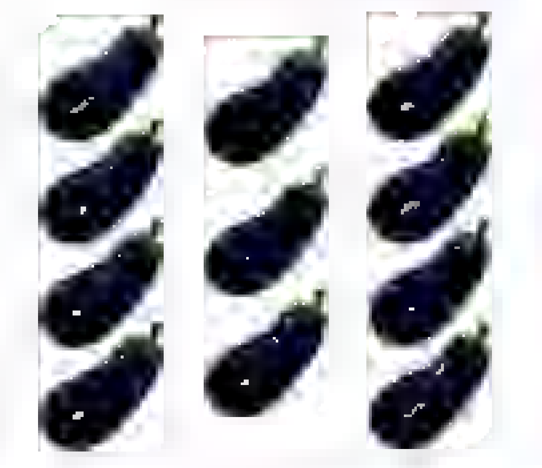












• Give your child some paper clips and ask him/her to create sets from 11 to 17.

Comparing weight

Circle the item which is heavier in each group.



Notes for parents

- Ask your child to find 2 items in his/her home different in weight and use the words heavier or lighter to compare between them.



Circle the item which is lighter in each group.

• Give your child a bottle of water and ask him/her to find an object which is heavier than it and another one which is lighter than it.

Place a smiley face

Lesson 58

Writing number 18

Eighteen

18

Count 18 s

Stick number 18

Draw a line from the group to the number.

16

18

15

17

14

Notes for parents

• Ask your child to write numbers 11-18 in the air.



Trace the number **18.**

Write the number **18.**

How many are there ? Write the numbers.



• Ask your child to draw 18 objects in a blank paper.

Place a smiley face



Lesson 59

Writing number 19

Nineteen

19

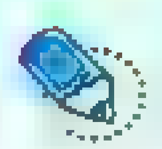
Count 19 s

Stick number 19

Write how many in each group. Match the equal groups.

Notes for parents

• Ask your child to tell you numbers from 0-19 and write 19 three times.



Trace the number **19.**



Write the number **19.**

Count. Choose the correct number.

14 16 18

16 17 19

12 15 17

19 18 17

13 18 19

- Give your child small objects such as dry pasta and ask your child to create 2 groups of 19 objects.

Place a smiley face

Lesson 60

Writing number 20

Twenty

20

Count 20 s

Stick number 20

How many are there ? Write the numbers.

Notes for parents

• Ask your child to count his/her fingers and toes and write the numbers from 0 to 20.





Trace the number **20.**

20 20 20 20

Write the number **20.**

Draw a line from each number to the correct group.
Write each number by the correct group.

16

20

18

19

17

• Give your child small objects, ask him/her to set them in two tens groups each groups contains 10 items and combine 2 groups together, then count all the items.

Reviewing numbers 0-20

Draw a line to connect numbers 0-20.



Notes for parents

- Ask your child to tell you numbers 0-20 two times.



Write the missing numbers.

5 ___ ___ ___ 9 ___

7 ___ 9 ___ ___ 12

___ 1 ___ ___ 4 ___

13 ___ ___ 16 17 ___

___ 16 ___ ___ 19 ___

- Ask your child to write numbers 0–20 in a blank paper.

Place a smiley face